abcam

ab129195

Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade

Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) is a rabbit monoclonal antibody detecting KDM1/LSD1 in **Western Blot, Flow Cytometry (Intra), IP, IHC-P, ICC/IF, ChIP**. Suitable for **Human, Mouse, Rat**.

- KO validated for confirmed specificity
- Biophysical QC for unrivalled batch-batch consistency
- Over 30 publications

Lab Essentials | Recombinant | RabMAb | Advanced Validation | KO Validated | 20ul selling size

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR6825
Purification technique	Affinity purification Protein A
Concentration	0.514 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

ChIC/CUT&RUN-seq

Tested

Species	Human
Dilution info	5 µg
Notes	-

Species	Mouse
Dilution info	5 µg
Notes	-

Species	Rat
Dilution info	5 µg
Notes	-

IHC-P

Tested

Species	Mouse
Dilution info	1/50 - 1/250
Notes	Perform heat-mediated antigen retrieval before commencing with IHC staining protocol.

Species	Rat
Dilution info	1/50 - 1/250
Notes	Perform heat-mediated antigen retrieval before commencing with IHC staining protocol.

Species	Human
Dilution info	1/50 - 1/250
Notes	Perform heat-mediated antigen retrieval before commencing with IHC staining protocol.

IP

Tested

Species	Human

Dilution info	1/10 - 1/100
Notes	-

Expected

Species	Mouse, Rat
Dilution info	Use at an assay dependent concentration.
Notes	-

ChIP

Tested

Species	Human
Dilution info	5 µg for 25 µg chromatin
Notes	-

Expected

Species	Mouse, Rat
Dilution info	Use at an assay dependent concentration.
Notes	-

WB

Tested

Species	Mouse
Dilution info	1/10000 - 1/50000
Notes	-

Species	Rat
Dilution info	1/10000 - 1/50000
Notes	-

Species	Human
Dilution info	1/10000 - 1/50000

Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1 µg/mL
Notes	-

Expected

Species	Mouse, Rat
Dilution info	Use at an assay dependent concentration.
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	1/20
Notes	ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Expected

Species	Mouse, Rat
Dilution info	Use at an assay dependent concentration.
Notes	-

Target data

See full target information KDM1A

Function	Histone demethylase that can demethylate both 'Lys-4' (H3K4me) and 'Lys-9' (H3K9me) of histone H3, thereby acting as a coactivator or a corepressor, depending on the context (PubMed:15620353, PubMed:15811342,

PubMed:16079794, PubMed:16079795, PubMed:16140033, PubMed:16223729, PubMed:27292636). Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed (PubMed:15620353, PubMed:15811342, PubMed:16079794, PubMed:21300290, PubMed:26214369). Acts as a corepressor by mediating demethylation of H3K4me, a specific tag for epigenetic transcriptional activation. Demethylates both mono- (H3K4me1) and di-methylated (H3K4me2) (PubMed:15620353, PubMed:20389281, PubMed:21300290, PubMed:23721412). May play a role in the repression of neuronal genes. Alone, it is unable to demethylate H3K4me on nucleosomes and requires the presence of RCOR1/CoREST to achieve such activity (PubMed:16079794, PubMed:16140033, PubMed:16885027, PubMed:21300290, PubMed:23721412). Also acts as a coactivator of androgen receptor (AR)-dependent transcription, by being recruited to AR target genes and mediating demethylation of H3K9me, a specific tag for epigenetic transcriptional repression. The presence of PRKCB in AR-containing complexes, which mediates phosphorylation of 'Thr-6' of histone H3 (H3T6ph), a specific tag that prevents demethylation H3K4me, prevents H3K4me demethylase activity of KDM1A (PubMed:16079795). Demethylates di-methylated 'Lys-370' of p53/TP53 which prevents interaction of p53/TP53 with TP53BP1 and represses p53/TP53-mediated transcriptional activation. Demethylates and stabilizes the DNA methylase DNMT1 (PubMed:29691401). Demethylates methylated 'Lys-42' and methylated 'Lys-117' of SOX2 (PubMed:29358331). Required for gastrulation during embryogenesis. Component of a RCOR/GFI/KDM1A/HDAC complex that suppresses, via histone deacetylase (HDAC) recruitment, a number of genes implicated in multilineage blood cell development (PubMed:16079794, PubMed:16140033). Facilitates epithelial-to-mesenchymal transition by acting as an effector of SNAI1-mediated transcription repression of epithelial markers E-cadherin/CDH1, CDN7 and KRT8 (PubMed:20562920, PubMed:27292636). Required for the maintenance of the silenced state of the SNAI1 target genes E-cadherin/CDH1 and CDN7 (PubMed:20389281). Required for the repression of GIPR expression (PubMed:34655521, PubMed:34906447). Isoform 2. Neuron-specific histone demethylase that demethylates mono- and dimethylated 'Lys-20' of histone H4 (H4K20me1 and H4K20me2), a chromatin repressive mark (PubMed:26214369). This demethylation is crucial for the initiation and elongation of neuronal activity-regulated genes, required for spatial learning and memory (By similarity). Mediates H3K9me2 demethylation through cooperation with the supervillin protein (SVIL), and this H3K9 demethylase activity is essential for regulating gene expression during neuronal differentiation (PubMed:25684206). Isoform 4. Neuron-specific histone demethylase that demethylates mono- and dimethylated 'Lys-20' of histone H4 (H4K20me1 and H4K20me2), a chromatin repressive mark (PubMed:26214369). This demethylation is crucial for the initiation and elongation of neuronal activity-regulated genes, required for spatial learning and memory (By similarity). Mediates H3K9me2 demethylation through cooperation with the supervillin protein (SVIL), and this H3K9 demethylase activity is essential for regulating gene expression during neuronal differentiation (PubMed:25684206).

Storage

Shipped at conditions	Conditional Ambient
Appropriate short-term storage duration	1-2 weeks

Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

What is this antibody validated in?
Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) is a rabbit recombinant monoclonal antibody and is validated for use in Western Blot (WB), Flow Cytometry (Intra), Immunoprecipitation (IP), Immunohistochemistry (IHC-P), Immunocytochemistry/immunofluorescence (ICC/IF), ChIP in Human, Mouse, Rat samples.

What is the molecular weight of KDM1/LSD1?
Anti-KDM1/LSD1 [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) specifically detects a band for KDM1/LSD1 (UniProt: O60341) at a molecular weight of 92kDa.

Trusted by the scientific community
Anti-KDM1/LSD1 [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) was first used in a scientific publication in 2012 and has been cited over 30 times in peer-reviewed journals.

Reviewed by scientists
Anti-KDM1/LSD1 [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) has over 5 independent reviews from customers.

Specificity confirmed
The specificity of Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) has been confirmed by Western blot testing in KDM1A Knockout HAP1 cell line, ab265790.

Other related products
We have a range of other formats of antibody clone [EPR6825] also available for your convenience: ab129195, Alexa Fluor® 488 - ab184811, Alexa Fluor® 647 - ab195305, HRP - ab195897, Carrier free - ab224270

Patented technology
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Trial sizes available!
Test your antibody or perform pre-screening before committing to a larger quantity. Sold in 20µl. Discover our selection of trial-size antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

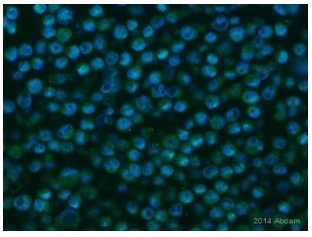
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

19 product images

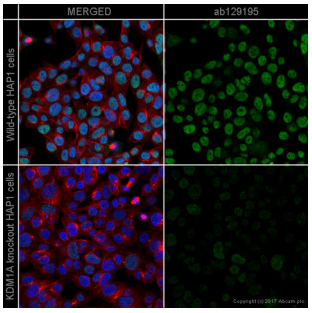


This image is courtesy of an anonymous customer review

Immunocytochemistry/ Immunofluorescence - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

KDM1/LSD1 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-KDM1/LSD1 antibody

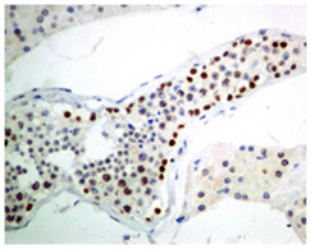
Unpurified ab129195 staining KDM1/LSD1 in paraffin-embedded A549 lung cancer cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed using the HOPE technique and permeabilized with 0.05% Tween. Samples were incubated with primary antibody (1/100) for 45 minutes at 25°C. An Alexa Fluor® 488-conjugated Donkey anti-mouse IgG polyclonal (1/200) was used as the secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

KDM1/LSD1 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-KDM1/LSD1 antibody

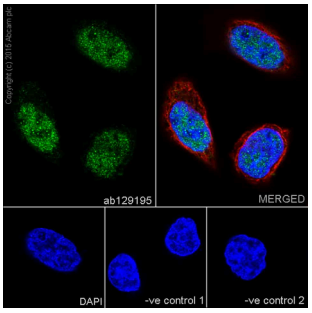
ab129195 staining KDM1A/LSD1 in wild-type HAP1 cells (top panel) and KDM1A knockout HAP1 cells (bottom panel). The cells were fixed with 4% formaldehyde (10min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated with ab129195 at 1µg/ml concentration and ab195889 at 1/250 dilution (shown in pseudo colour red) overnight at +4°C, followed by a further incubation at room temperature for 1h with a goat secondary antibody to Rabbit IgG (Alexa Fluor® 488) (ab150081) at 2 µg/ml (shown in green). Nuclear DNA was labelled in blue with DAPI.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

KDM1/LSD1 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-KDM1/LSD1 antibody

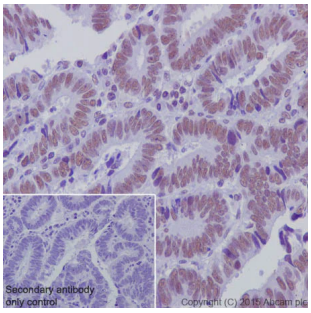
Unpurified ab129195, at 1/100, staining KDM1/LSD1 in paraffin embedded human testis tissue by Immunohistochemistry.
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

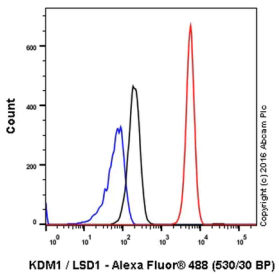
KDM1/LSD1 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-KDM1/LSD1 antibody

Immunofluorescence staining of HeLa cells with purified ab129195 at a working dilution of 1/100, counter-stained with DAPI. The secondary antibody was Alexa Fluor® 488 goat anti-rabbit (ab150077), used at a dilution of 1/1000. ab7291, a mouse anti-tubulin antibody (1/1000), was used to stain tubulin along with ab150120 (Alexa Fluor® 594 goat anti-mouse, 1/1000), shown in the top right hand panel. The cells were fixed in 4% PFA and permeabilized using 0.1% Triton X 100. The negative controls are shown in bottom middle and right hand panels - for negative control 1, purified ab129195 was used at a dilution of 1/500 followed by an Alexa Fluor® 594 goat anti-mouse antibody (ab150120) at a dilution of 1/500. For negative control 2, ab7291 (mouse anti-tubulin) was used at a dilution of 1/500 followed by an Alexa Fluor® 488 goat anti-rabbit antibody (ab150077) at a dilution of 1/400.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

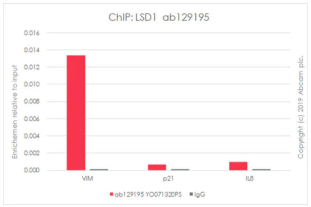
Immunohistochemical staining of paraffin embedded human stomach carcinoma with purified ab129195 at a working dilution of 1/50. The secondary antibody used is ab97051, a goat anti-rabbit IgG (H&L) at a dilution of 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was perfomed using Tris-EDTA buffer, pH 9.0.
PBS was used instead of the primary antibody as the negative control, and is shown in the inset.



Flow Cytometry (Intracellular) - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

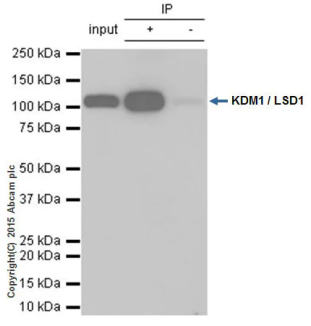
KDM1/LSD1 Flow Cytometry (Intracellular) staining using rabbit Anti-KDM1/LSD1 antibody

Intracellular Flow Cytometry analysis of HeLa (human cervix adenocarcinoma) cells labeling KDM1/LSD1 with purified ab129195 at 1/20 dilution (10ug/mL) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluorr® 488) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal IgG (Black) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) were used as the unlabeled control.



ChIP - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

Chromatin was prepared from HCT 116 cells according to the Abcam X-ChIP protocol. Cells were fixed with 1% formaldehyde for 10 minutes. The ChIP was performed with 25µg of chromatin, 5µg of ab129195 (red), and 20µl of protein A/G sepharose beads slurry (10µl of sepharose A beads + 10µl of sepharose G beads). 5µg of rabbit normal IgG was added to the beads control (grey). The immunoprecipitated DNA was quantified by real time PCR (Sybr green approach).



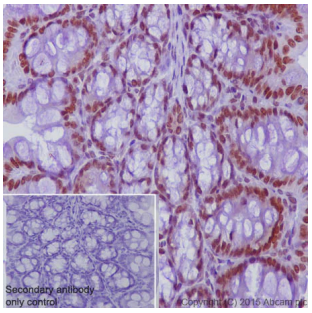
Immunoprecipitation - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

ab129195 (purified) at 1/20 immunoprecipitating KDM1/LSD1 in 10 µg Jurkat cell lysate (Lanes 1 and 2, observed at 110 kDa). Lane 3 - Rabbit monoclonal IgG (ab172730).
For western blotting, VeriBlot for IP Detection Reagent (HRP) (ab131366), was used for detection at 1/10,000 dilution.

Blocking/Dilution buffer and concentration: 5% NFDM/TBST.

All lanes:
Immunoprecipitation - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

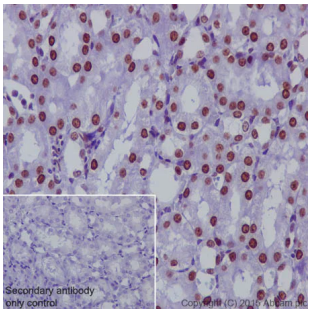
Predicted band size: 92 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

KDM1/LSD1 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-KDM1/LSD1 antibody

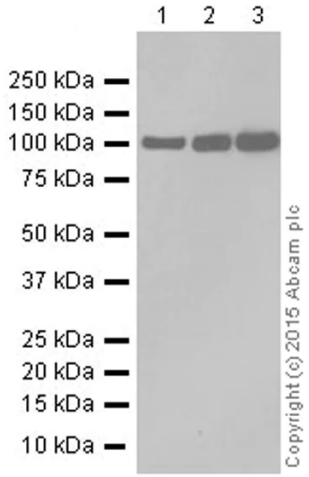
Immunohistochemical staining of paraffin embedded mouse colon with purified ab129195 at a working dilution of 1/50. The secondary antibody used is ab97051, a goat anti-rabbit IgG (H&L) at a dilution of 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was perfomed using Tris-EDTA buffer, pH 9.0.
PBS was used instead of the primary antibody as the negative control, and is shown in the inset.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

KDM1/LSD1 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-KDM1/LSD1 antibody

Immunohistochemical staining of paraffin embedded rat kidney with purified ab129195 at a working dilution of 1/50. The secondary antibody used is ab97051, a goat anti-rabbit IgG (H&L) at a dilution of 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was perfomed using Tris-EDTA buffer, pH 9.0.
PBS was used instead of the primary antibody as the negative control, and is shown in the inset.



Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

Blocking/Dilution buffer: 5% NFDM/TBST.
All lanes:
Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) at 1/10000 dilution

Lane 1:
HEK293 whole cell lysate at 10 µg

Lane 2:
HeLa whole cell lysate at 10 µg

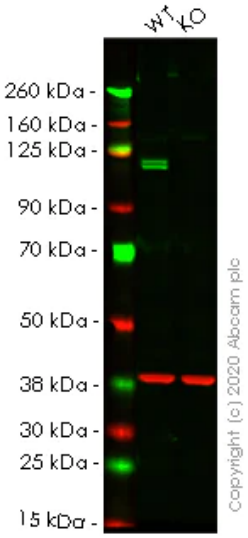
Lane 3:
Jurkat whole cell lysate at 10 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution

Predicted band size: 92 kDa

Observed band size: 110 kDa



Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

KDM1/LSD1 Western blot staining using rabbit Anti-KDM1/LSD1 antibody

Lanes 1- 2: Merged signal (red and green). Green - ab129195 observed at 110 kDa. Red - Anti-GAPDH antibody [6C5] - Loading Control (ab8245) observed at 37 kDa.
ab129195 was shown to react with KDM1/LSD1 in wild-type HeLa cells in western blot. Loss of signal was observed when knockout cell line ab265790 (knockout cell lysate ab256965) was used. Wild-type HeLa and KDM1A knockout HeLa cell lysates were subjected to SDS-PAGE. Membrane was blocked for 1 hour at room temperature in 0.1% TBST with 3% non-fat dried milk. ab129195 and Anti-GAPDH antibody [6C5] - Loading Control (ab8245) overnight at 4°C at a 1 in 1000 dilution and a 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye®800CW) preadsorbed (ab216773) and Goat anti-Mouse IgG H&L (IRDye®680RD) preadsorbed (ab216776) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.

All lanes:
Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) at 1/1000 dilution

Lane 1:
Wild-type HeLa cell lysate at 20 µg

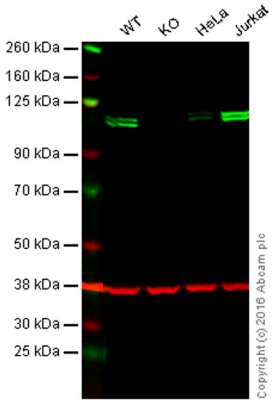
Lane 2:
KDM1A knockout HeLa cell lysate at 20 µg

Lane 2:
Western blot - Human KDM1A (LSD1) knockout HeLa cell line (ab265790)

Performed under reducing conditions.

Predicted band size: 155 kDa, 92 kDa

Observed band size: 110 kDa, 160 kDa



Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

Lanes 1 - 4: Merged signal (red and green). Green - ab129195 observed at 110 kDa. Red - loading control, ab8245, observed at 37 kDa.

ab129195 was shown to specifically react with KMD1 / LSD1 in wild-type HAP1 cells. No band was observed when KMD1 / LSD1 knockout samples were used. Wild-type and KMD1 / LSD1 knockout samples were subjected to SDS-PAGE. ab129195 and ab8245 (loading control to GAPDH) were both diluted 1/10,000 and incubated overnight at 4°C. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (ab216773) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed (ab216776) secondary antibodies at 1/10,000 dilution for 1 hour at room temperature before imaging.
All lanes:
Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) at 1/10000 dilution

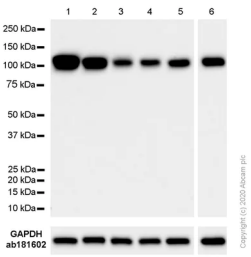
Lane 1:
Wild-type HAP1 cell lysate at 20 µg

Lane 2:
KMD1 / LSD1 knockout HAP1 cell lysate at 20 µg

Lane 3:
HeLa cell lysate at 20 µg

Lane 4:
Jurkat cell lysate at 20 µg

Predicted band size: 92 kDa



Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

Blocking/diluting buffer and concentration: 5% NFDM/TBST
Observed band: 110kd

All lanes:
ab129195 at 1/1000 dilution

Lane 1:
Jurkat (Human T cell leukemia T lymphocyte) whole cell lysates at 20 µg

Lane 2:
HCT 116 (Human colorectal carcinoma epithelial cell) whole cell lysates at 20 µg

Lane 3:
NIH/3T3 (Mouse embryonic fibroblast) whole cell lysates at 20 µg

Lane 4:
C2C12 (Mouse myoblasts myoblast) whole cell lysates at 20 µg

Lane 5:
Mouse skeletal muscle lysates at 20 µg

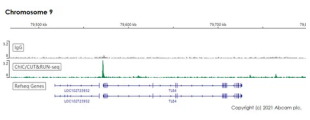
Lane 6:
C6 (Rat glial tumor glial cell) whole cell lysates at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/20000 dilution

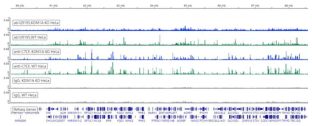
Predicted band size: 92 kDa

Exposure time: 20s



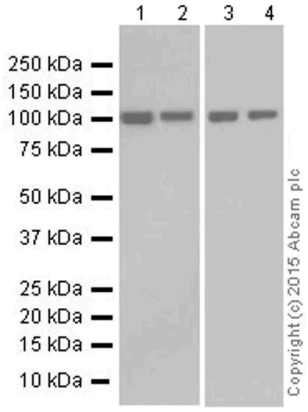
ChIC/CUT&RUN sequencing - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

CUT&RUN was performed using a ChIC/CUT&RUN pAG-MNAse, 2.5 x 10^5 HeLa cells, and 5µg of ab129195 [EPR6825]. The resulting DNA was sequenced on the Illumina NovaSeq 6000 to a depth of 10 million reads.
Additional screenshots of mapped reads can be downloaded here.



ChIC/CUT&RUN sequencing - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

ChIC/CUT&RUN was performed using a pAG-MNAse at a final concentration of 700 ng/mL. 2.5X10^5 of Human wild-type HeLa cell line (ab255928) or KDM1A (LSD1) knockout HeLa cell line (ab265790) were used along with 5µg of ab129195 [EPR6825]. Assay Quality Control was conducted using 5µg Anti-CTCF(ab188408) on the same cell lines. The resulting DNA was sequenced on the Illumina NovaSeq 6000 to a depth of 10 million reads. The negative IgG control ab172730 is also shown. Additional screenshots of mapped reads can be found in the Protocol booklet in the Product Protocol section. The University of Geneva owns patents relevant to ChIC (Chromatin Immuno-Cleavage) methods.



Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

KDM1/LSD1 Western blot staining using rabbit Anti-KDM1/LSD1 antibody

Blocking/Dilution buffer: 5% NFDM/TBST.
All lanes:
Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) at 1/10000 dilution

Lane 1:
C6 whole cell lysate at 10 µg

Lane 2:
Raw 264.7 whole cell lysate at 10 µg

Lane 3:
PC-12 whole cell lysate at 10 µg

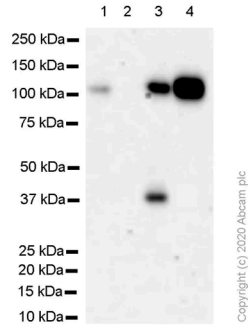
Lane 4:
NIH/3T3 whole cell lysate at 10 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution

Predicted band size: 92 kDa

Observed band size: 110 kDa



Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

KDM1/LSD1 Western blot staining using rabbit Anti-KDM1/LSD1 antibody

Blocking/diluting buffer and concentration: 5% NFDM/TBST
All lanes:
ab129195 at 1/1000 dilution

Lane 1:
Mouse brain lysates at 20 µg

Lane 2:
Mouse heart lysates at 20 µg

Lane 3:
Mouse liver lysates at 20 µg

Lane 4:
Mouse spleen lysates at 20 µg

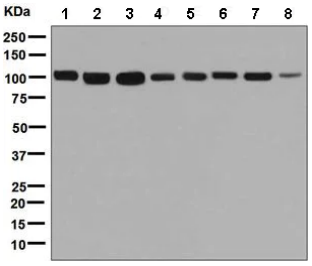
Secondary

All lanes:
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ab97051) at 1/20000 dilution

Predicted band size: 92 kDa

Observed band size: 110 kDa

Exposure time: 180s



Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195)

All lanes:
Western blot - Anti-KDM1/LSD1 antibody [EPR6825] - Nuclear Marker and ChIP Grade (ab129195) at 1/10000 dilution

Lane 1:
293T cell lysate at 10 µg

Lane 2:
HeLa cell lysate at 10 µg

Lane 3:
Jurkat cell lysate at 10 µg

Lane 4:
PC3 cell lysate at 10 µg

Lane 5:
C6 cell lysate at 10 µg

Lane 6:
RAW264.7 cell lysate at 10 µg

Lane 7:
PC12 cell lysate at 10 µg

Lane 8:
NIH 3T3 cell lysate at 10 µg

Secondary

All lanes:
Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 92 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.