abcam

ab310337

Anti-NOX2/gp91phox antibody [EPR28415-13]

Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337) is a rabbit monoclonal antibody detecting NOX2/gp91phox in **Western Blot, Flow Cytometry (Intra), IP, IHC-P, IHC-Fr, ICC/IF**. Suitable for **Human, Mouse, Rat**.

- Biophysical QC for unrivalled batch-batch consistency

Recombinant | RabMAb | 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	EPR28415-13
Purification technique	Affinity purification Protein A
Specificity	The human recommendation is based on the IHC-P results. We do not guarantee WB for human.
Concentration	0.51 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

WB

Tested

Species	Mouse
Dilution info	1/1000
Notes	-

Species	Rat
Dilution info	1/1000
Notes	-

Not recommended

Species	Human, Transfected cell line
Dilution info	-
Notes	-

IHC-P

Tested

Species	Transfected cell line
Dilution info	1/1000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Species	Human
Dilution info	1/1000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Species	Mouse
Dilution info	1/1000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Species	Rat
Dilution info	1/1000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Flow Cyt (Intra)

Tested

Species	Mouse
Dilution info	1/50
Notes	-

Species	Rat
Dilution info	1/50
Notes	-

Expected

Species	Human
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Transfected cell line
Dilution info	-
Notes	-

IHC-Fr

Tested

Species	Mouse
Dilution info	1/50
Notes	-

Species	Rat
Dilution info	1/50
Notes	-

Expected

Species	Human
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Transfected cell line
Dilution info	-
Notes	-

ICC/IF

Tested

Species	Mouse
Dilution info	1/50
Notes	-

Species	Rat
Dilution info	1/50
Notes	-

Expected

Species	Human
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Transfected cell line
Dilution info	-
Notes	-

IP

Tested

Species	Mouse
Dilution info	1/30
Notes	-

Expected

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

Not recommended

Species	Transfected cell line
Dilution info	-
Notes	-

Target data

See full target information CYBB

Function Catalytic subunit of the phagocyte NADPH oxidase complex that mediates the transfer of electrons from cytosolic NADPH to O2 to produce the superoxide anion (O2(-)) (PubMed:15338276, PubMed:36241643, PubMed:36413210, PubMed:38355798). In the activated complex, electrons are first transferred from NADPH to flavin adenine dinucleotide (FAD) and subsequently transferred via two heme molecules to molecular oxygen, producing superoxide through an outer-sphere reaction (Probable) (PubMed:38355798). Activation of the NADPH oxidase complex is initiated by the assembly of cytosolic subunits of the NADPH oxidase complex with the core NADPH oxidase complex to form a complex at the plasma membrane or phagosomal membrane (PubMed:19028840, PubMed:38355798). This activation process is initiated by phosphorylation dependent binding of the cytosolic NCF1/p47-phox subunit to the C-terminus of CYBA/p22-phox (By similarity). NADPH oxidase complex assembly is impaired through interaction with NRROS (By similarity).

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-NOX2/gp91phox antibody [EPR28415-13] (ab310337) is a rabbit recombinant monoclonal antibody and is validated for use in Western Blot (WB), Flow Cytometry (Intra), Flow Cytometry (Flow Cyt), Immunoprecipitation (IP), Immunohistochemistry (IHC-P), Immunohistochemistry (IHC-Fr), Immunocytochemistry/immunofluorescence (ICC/IF) in Human, Mouse, Rat samples.

What is the molecular weight of NOX2/gp91phox?
Anti-NOX2/gp91phox [EPR28415-13] (ab310337) specifically detects a band for NOX2/gp91phox (UniProt: P04839) at a molecular weight of 65kDa.

Other related products
We have a range of other formats of antibody clone [EPR28415-13] also available for your convenience: ab310337, Carrier free - ab310338, PE - ab318398, APC - ab318501, Alexa Fluor® 488 - ab318604, Alexa Fluor® 647 - ab318707, Alexa Fluor® 594 - ab318810, Alexa Fluor® 555 - ab318910, Alexa Fluor® 750 - ab321556

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.

Supplementary info

This supplementary information is collated from multiple sources and compiled automatically.

Activity summary	NOX2 also known as gp91phox or cybb is a membrane-bound protein that plays an important role in the production of reactive oxygen species (ROS). This protein functions as a catalytic component of the NADPH oxidase complex which is primarily found in phagocytes like neutrophils and macrophages. The NOX2 protein has a molecular weight of approximately 91 kDa. It is expressed prominently in the cell membranes of these immune cells where it participates in the body's defense mechanisms.
Biological function summary	NOX2 participates in the generation of superoxide by using NADPH as a substrate an essential function performed by the multi-subunit NADPH oxidase complex. This process helps in the formation of microbicidal ROS which neutrophils and macrophages require for killing pathogens. The gp91phox component NOX2's alternate name partners with p22phox and other cytosolic subunits like p47phox and p67phox to form the fully active enzyme complex. This emphasizes NOX2's role in the immune system's oxidative burst an important antimicrobial response.
Pathways	NOX2 is an integral part of the oxidative burst pathway important in host defense. Its activity connects with the MAPK signaling pathway which can be activated by the presence of ROS produced by NOX2. This pathway involves proteins such as ERK JNK and p38 MAPKs which are related through the signaling events that lead to diverse cellular responses including inflammation and stress responses.
Associated diseases and disorders	NOX2 dysregulation is associated with chronic granulomatous disease (CGD) a condition characterized by a compromised ability of phagocytes to produce ROS leading to recurrent infections. Additionally NOX2 activity links with cardiovascular diseases where its overproduction of ROS can cause oxidative stress contributing to atherosclerosis. The functioning of p22phox another protein in the NADPH oxidase complex becomes particularly relevant in these contexts as it partners with NOX2 to generate the harmful superoxide in such diseases.

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

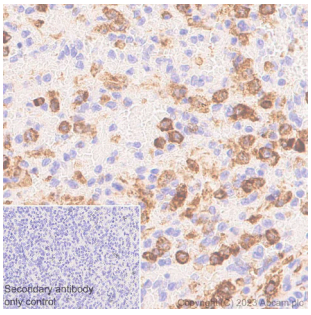
We do not recommend this combination. It is not covered by our product promise.

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.

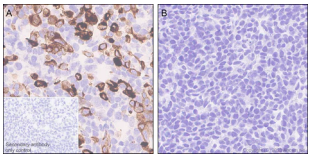
Full details and terms and conditions can be found here:
Terms & Conditions.

19 product images



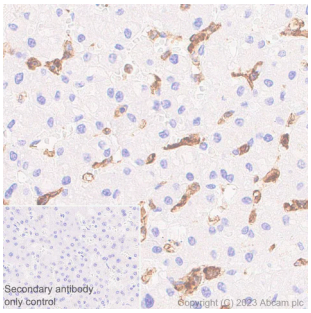
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

Immunohistochemical analysis of paraffin-embedded Human spleen tissue labeling NOX2/gp91phox with ab310337 at 1/1000 (0.516 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on human spleen.The section was incubated with ab310337 for 30 mins at room temperature.The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin. Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

Immunohistochemical analysis of paraffin-embedded (A) HEK-293T (human tissue labeling NOX2/gp91phox with ab310337 at 1/1000 (0.516 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on (A) HEK-293T transfected with a CYBB expression vector containing a his tag. No staining on (B) HEK-293T transfected with empty vector containing a his tag. The section was incubated with ab310337 for 30 mins at room temperature.The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin. Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



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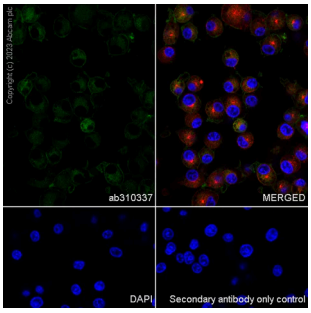
Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling NOX2/gp91phox with ab310337 at 1/1000 (0.516 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on kupffer cells in human liver.The section was incubated with ab310337 for 30 mins at room temperature.The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin. Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

NOX2/gp91phox Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human skeletal muscl using rabbit Anti-NOX2/gp91phox antibody

Immunohistochemical analysis of paraffin-embedded Human skeletal muscl tissue labeling NOX2/gp91phox with ab310337 at 1/1000 (0.516 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Negative control: No staining on human skeletal muscle.The section was incubated with ab310337 for 30 mins at room temperature.The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin. Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



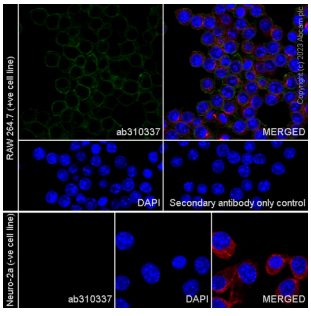
Immunocytochemistry/ Immunofluorescence - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

Immunofluorescent analysis of 100% methanol-fixed, 0.1% Tween-20 permeabilized NR8383 (rat alveolar macrophage) cells labelling NOX2/gp91phox with ab310337 at 1/50 (10.32 ug/ml) dilution, followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 2ug/ml dilution (Green). Confocal image showing membranous and cytoplasmic staining in NR8383 cell line.Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8). is observed. ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 2.5ug/ml dilution (Red). The Nuclear counterstain was DAPI (Blue). Secondary antibody only control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 2ug/ml dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

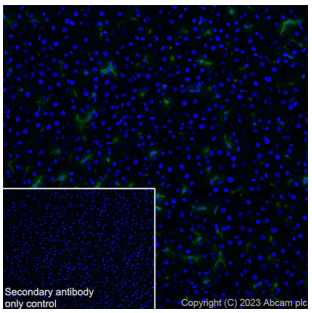
Immunohistochemical analysis of paraffin-embedded Rat liver tissue labeling NOX2/gp91phox with ab310337 at 1/1000 (0.516 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on kupffer cells in rat liver.The section was incubated with ab310337 for 30 mins at room temperature.The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin. Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunocytochemistry/ Immunofluorescence - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

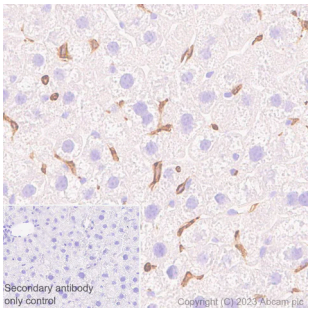
Immunofluorescent analysis of 100% methanol-fixed, 0.1% Tween-20 permeabilized RAW 264.7 (mouse Abelson murine leukemia virus-induced tumor macrophage) cells labelling NOX2/gp91phox with ab310337 at 1/50 (10.32 ug/ml) dilution, followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 2ug/ml dilution (Green). Confocal image showing membranous staining in RAW 264.7 cell line, and no staining in Neuro-2a cell line.Negative control: Neuro-2a (PMID: 23516464).Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8). is observed. ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 2.5ug/ml dilution (Red). The Nuclear counterstain was DAPI (Blue). Secondary antibody only

control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 2ug/ml dilution.



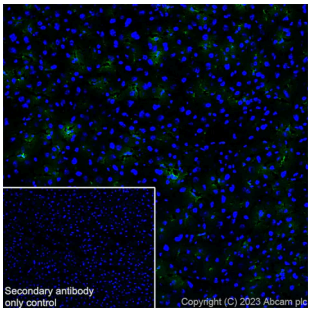
Immunohistochemistry (Frozen sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Rat liver (fresh) tissue labeling NOX2/gp91phox with ab310337 at 1/50 (10.32 ug/ml) dilution followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 2 ug/mL dilution (Green). Confocal image showing positive staining on rat liver. The nuclear counterstain was DAPI (Blue). The section was incubated with ab310337 for 60 mins at room temperature. The section was then mounted using Fluoromount®.The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8). is observed. The nuclear counterstain was DAPI (Blue). Secondary antibody control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbedat 1/1000 2 ug/mL dilution.



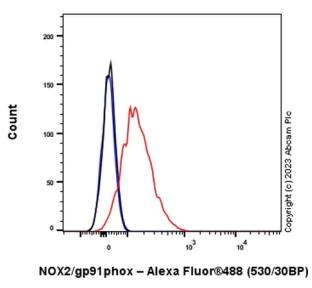
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Immunohistochemical analysis of paraffin-embedded Mouse liver tissue labeling NOX2/gp91phox with ab310337 at 1/1000 (0.516 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on kupffer cells in mouse liver.The section was incubated with ab310337 for 30 mins at room temperature.The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin. Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunohistochemistry (Frozen sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

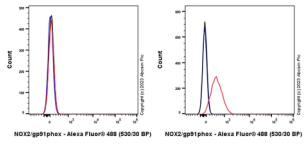
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Flow Cytometry (Intracellular) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

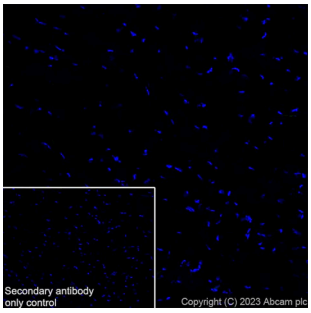
Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized NR8383 (rat alveolar macrophage) cells labelling NOX2/gp91phox with ab310337 at 1/50 dilution (1 ug)/Red (Red) compared with a Rabbit monoclonal IgG (ab172730) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody)

(Blue). A Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.



Flow Cytometry (Intracellular) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

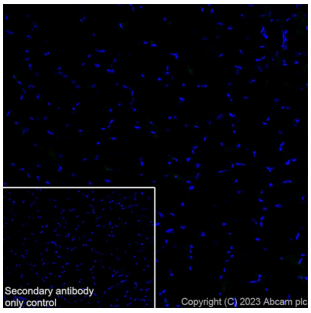
Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized Neuro-2a (mouse neuroblastoma neuroblast, Left) / RAW 264.7 (mouse Abelson murine leukemia virus-induced tumor macrophage, Right) cells labelling NOX2/gp91phox with ab310337 at 1/50 dilution (1 ug)/Red (Red) compared with a Rabbit monoclonal IgG (ab172730) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody. Low expression: Neuro-2a (PMID: 23516464).



Immunohistochemistry (Frozen sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

NOX2/gp91phox Immunohistochemistry (Frozen sections) staining of Mouse skeletal muscle(fresh) using rabbit Anti-NOX2/gp91phox antibody

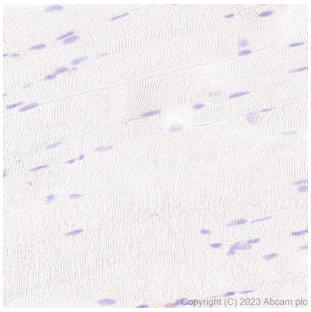
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NOX2/gp91phox Immunohistochemistry (Frozen sections) staining of Rat skeletal muscle(fresh) using rabbit Anti-NOX2/gp91phox antibody

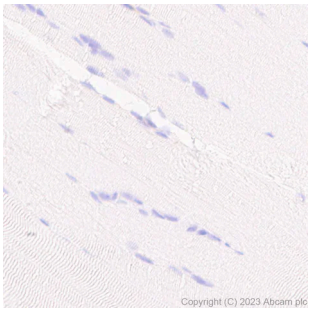
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

NOX2/gp91phox Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse skeletal muscl using rabbit Anti-NOX2/gp91phox antibody

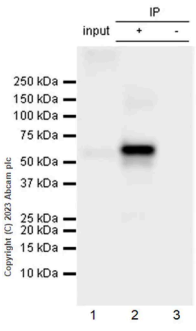
Immunohistochemical analysis of paraffin-embedded Mouse skeletal muscl tissue labeling NOX2/gp91phox with ab310337 at 1/1000 (0.516 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Negative control: No staining on mouse skeletal muscle.The section was incubated with ab310337 for 30 mins at room temperature.The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin. Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

NOX2/gp91phox Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Rat skeletal muscle using rabbit Anti-NOX2/gp91phox antibody

Immunohistochemical analysis of paraffin-embedded Rat skeletal muscle tissue labeling NOX2/gp91phox with ab310337 at 1/1000 (0.516 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Negative control: No staining on rat skeletal muscle.The section was incubated with ab310337 for 30 mins at room temperature.The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin. Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



Immunoprecipitation - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

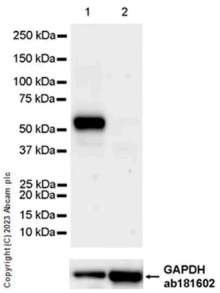
NOX2/gp91phox was immunoprecipitated from 0.35 mg RAW 264.7 (mouse abelson murine leukemia virus-induced tumor macrophage) whole cell lysate with ab310337 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab310337 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP)(ab131366) was used at 1/5000 dilution. Lane 1: RAW 264.7 (mouse abelson murine leukemia virus-induced tumor macrophage) whole cell lysate Lane 2: ab310337 IP in RAW 264.7 (mouse abelson murine leukemia virus-induced tumor macrophage) whole cell lysate Lane 3:Rabbit monoclonal IgG (ab172730) instead of ab310337 in RAW 264.7 whole cell lysate Blocking and dilution buffer and concentration: 5% NFDM/TBST.
Exposure time: 3 seconds
All lanes:
Immunoprecipitation - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337) at 1/30 dilution

All lanes:
RAW 264.7 (mouse abelson murine leukemia virus-induced tumor macrophage) whole cell lysate

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/5000 dilution

Exposure time: 3s



Western blot - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

Blocking and diluting buffer and concentration: 5% NFDM/TBST Low expression: skeletal muscle (PMID:11376945). In Western blot, anti-GAPDH antibody (ab181602) loading control staining at 1/200, 000 dilution. Exposure time: 59 seconds
All lanes:
Western blot - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337) at 1/1000 dilution

Lane 1:
Rat spleen tissue lysate at 20 µg

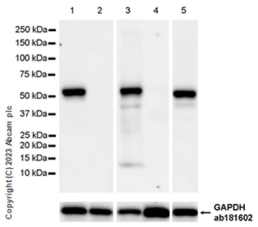
Lane 2:
Rat skeletal muscle tissue lysate at 20 µg

Secondary

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

Observed band size: 65 kDa

Exposure time: 59s



Western blot - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337)

Blocking and diluting buffer and concentration: 5% NFDM/TBST Low expression: Neuro-2a (PMID: 23516464), skeletal muscle (PMID:11376945). In Western blot, anti-GAPDH antibody (ab181602) loading control staining at 1/200, 000 dilution. Exposure time: Lanes 1-2: 15 seconds; Lanes 3-4: 59 seconds; Lane 5:15 seconds.
All lanes:
Western blot - Anti-NOX2/gp91phox antibody [EPR28415-13] (ab310337) at 1/1000 dilution

Lane 1:
RAW 264.7 (mouse abelson murine leukemia virus-induced tumor macrophage) whole cell lysate at 20 µg

Lane 2:
Neuro-2a (mouse neuroblastoma neuroblast) whole cell lysate at 20 µg

Lane 3:
Mouse spleen tissue lysate at 20 µg

Lane 4:
Mouse skeletal muscle tissue lysate at 20 µg

Lane 5:
NR8383 (rat alveolar macrophage) whole cell lysate at 20 µg

Secondary

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

Observed band size: 65 kDa

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