abcam

ab319061

Anti-Cofilin antibody [RM1210] - Loading Control

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	Multiclonal
Immunogens	The exact immunogen used to generate this antibody is proprietary information.
Clone number	RM1210
Purification technique	Affinity purification Protein A
Concentration	0.518 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	1/500
Notes	-

Species	Mouse

Dilution info	1/500
Notes	-

Species	Rat
Dilution info	1/500
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/500
Notes	-

Species	Mouse
Dilution info	1/500
Notes	-

Species	Rat
Dilution info	1/500
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/2000
Notes	Perform heat-mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Species	Mouse
Dilution info	1/2000
Notes	Perform heat-mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Species	Rat

Dilution info	1/2000
Notes	Perform heat-mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

IP

Tested

Species	Human
Dilution info	1/30
Notes	-

Species	Mouse
Dilution info	1/30
Notes	-

Species	Rat
Dilution info	1/30
Notes	-

WB

Tested

Species	Human
Dilution info	1/1000
Notes	-

Species	Mouse
Dilution info	1/1000
Notes	-

Species	Rat
Dilution info	1/1000
Notes	-

Target data

See full target information CFL1

Function	Binds to F-actin and exhibits pH-sensitive F-actin depolymerizing activity (PubMed:11812157). In conjunction with the subcortical maternal complex (SCMC), plays an essential role for zygotes to progress beyond the first embryonic cell divisions via regulation of actin dynamics (PubMed:15580268). Required for the centralization of the mitotic spindle and symmetric division of zygotes (By similarity). Plays a role in the regulation of cell morphology and cytoskeletal organization in epithelial cells (PubMed:21834987). Required for the up-regulation of atypical chemokine receptor ACKR2 from endosomal compartment to cell membrane, increasing its efficiency in chemokine uptake and degradation (PubMed:23633677). Required for neural tube morphogenesis and neural crest cell migration (By similarity).

Storage

Shipped at conditions	Blue Ice
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 are recombinant multiclonals?
Recombinant multiclonals are a mixture of recombinant antibodies co-expressed from a library of heavy and light chains. They offer several advantages including:

- The sensitivity of polyclonal antibodies by recognising multiple epitopes
- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

View our range of recombinant multiclonal antibodies.

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.

Supplementary info

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

Activity summary	Cofilin-1 also known just as cofilin is a small actin-modulating protein with a molecular weight of approximately 19 kDa. It is part of the actin chemical structure regulation and plays an important role in actin filament dynamics by severing and depolymerizing actin filaments. Cofilin-1 expresses widely in both muscle and non-muscle tissues modulating the actin cytoskeleton which is critical for cell movement shape and various signaling pathways. The phosphorylated form of this protein known as phospho-cofilin or p-cofilin is another significant state to consider.
Biological function summary	Through its interaction with actin filaments cofilin-1 functions to regulate the length and turnover of the actin cytoskeleton within cells. Cofilin-1 is part of a critical complex where it binds to actin monomers and filaments to facilitate the disassembly and recycling of actin. This regulation impacts cellular activities such as migration endocytosis and division influencing how cells respond to internal and external signals. Cofilin-1's ability to bind and sever actin filaments forms an important part of its functional mechanism altering the cytoskeletal architecture for various cellular processes.
Pathways	Cofilin-1 participates principally in the actin dynamics component of the cytoskeleton remodeling pathway. Within this framework cofilin-1 acts alongside other proteins like actin-depolymerizing factor (ADF) and tropomyosin influencing assembly and disassembly cycles of actin filaments. The Rho family of GTPases regulates cofilin-1 activity through signaling pathways such as the Rho/ROCK/LIMK pathway. This signaling regulation affects actin filament organization impacting cellular processes like axonal guidance and directed cell movement.
Associated diseases and disorders	There is a strong connection between cofilin-1 dysregulation and neurodegenerative diseases such as Alzheimer's disease and certain types of cancer. In Alzheimer's disease cofilin-1 activity influenced by abnormal cofilin phosphorylation forms part of the pathological mechanisms that lead to synaptic dysfunction and neurofibrillary tangles. In the context of cancer cofilin-1 collaborates with proteins such as RhoA and LIM kinase contributing to cancer cell invasion and metastasis by reorganizing the actin cytoskeleton to facilitate cell motility. Understanding these interactions helps in targeting therapeutic strategies against these conditions.

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.

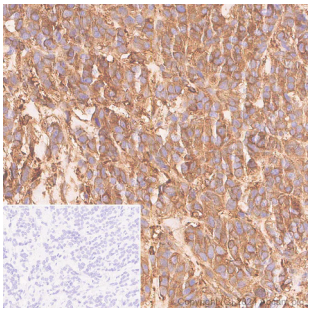
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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.

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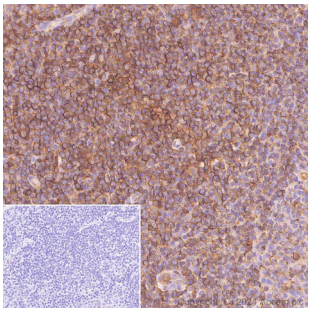
16 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human breast carcinoma tissue using rabbit Anti-Cofilin antibody

Immunohistochemical analysis of paraffin-embedded Human breast carcinoma tissue labeling Cofilin with ab319061 at 1/2000 (0.259 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on human breast carcinoma. The section was incubated with ab319061 for 10 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 Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.

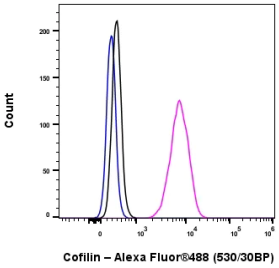


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human tonsil tissue using rabbit Anti-Cofilin antibody

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling Cofilin with ab319061 at 1/2000 (0.259 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on human tonsil. The section was incubated with ab319061 for 10 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).

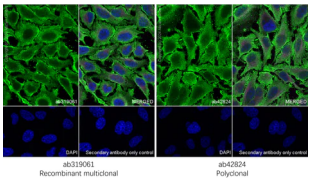
Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.



Flow Cytometry (Intracellular) - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Flow Cytometry (Intracellular) staining of HeLa (human cervical adenocarcinoma epithelial cell) using rabbit Anti-Cofilin antibody

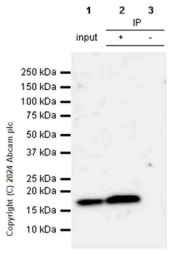
Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized HeLa (human cervical adenocarcinoma epithelial cell) cells labelling Cofilin with ab319061 at 1/500 dilution (0.1ug) (Magenta) compared with a Rabbit monoclonal isotype control - Alexa Fluor® 647 (Black) isotype control and an unlabeled control (cells without incubation with primary antibody and secondary antibody). Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Immunocytochemistry/ Immunofluorescence staining of HeLa (human cervical adenocarcinoma epithelial cell) cells using rabbit Anti-Cofilin antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized HeLa (human cervical adenocarcinoma epithelial cell) cells labelling Cofilin with ab319061 at 1/500 dilution, followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 dilution (Green). Confocal image showing cytoplasmic and weak nuclear staining in HeLa cell line (shown in green). The counterstain was observed in magenta. Nuclear DNA was labeled with DAPI (shown in blue). Left Panel is applied with Anti-Cofilin antibody [RM1210] (ab319061) at 1/500 dilution (1.036 ug/ml); Right panel is applied with Anti-Cofilin antibody (ab42824) at 1/100 dilution (5.18 ug/ml). Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8). ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Magenta). 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 dilution.



Immunoprecipitation - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin was immunoprecipitated from 0.35 mg HeLa (human cervical adenocarcinoma epithelial cell) whole cell lysate with ab319061 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab319061 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP)(ab131366) was used at 1/5000 dilution.

Lane 1: HeLa (human cervical adenocarcinoma epithelial cell) whole cell lysate
Lane 2: ab319061 IP in HeLa (human cervical adenocarcinoma epithelial cell) whole cell lysate
Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab319061 in HeLa whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST

All lanes:
Immunoprecipitation - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061) at 1/30 dilution

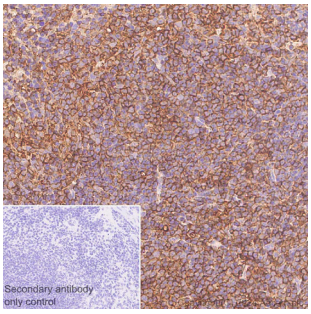
All lanes:

HeLa (human cervical adenocarcinoma epithelial cell) whole cell lysate at 10 µg

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/1000 dilution

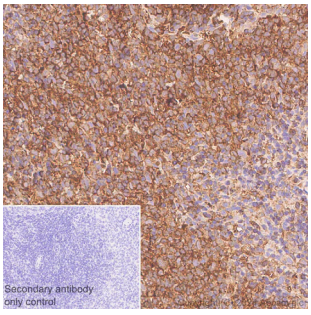
Exposure time: 41s



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse spleen tissue using rabbit Anti-Cofilin antibody

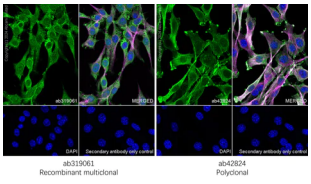
Immunohistochemical analysis of paraffin-embedded Mouse spleen tissue labeling Cofilin with ab319061 at 1/2000 (0.259 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on mouse spleen. The section was incubated with ab319061 for 10 mins at room 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 Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Rat spleen tissue using rabbit Anti-Cofilin antibody

Immunohistochemical analysis of paraffin-embedded Rat spleen tissue labeling Cofilin with ab319061 at 1/2000 (0.259 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on rat spleen. The section was incubated with ab319061 for 10 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 Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.

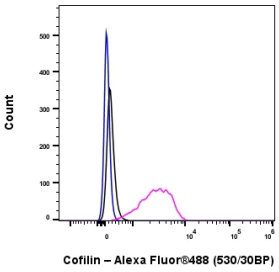


Immunocytochemistry/ Immunofluorescence - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Immunocytochemistry/ Immunofluorescence staining of NIH/3T3 (mouse embryonic fibroblast) cells using rabbit Anti-Cofilin antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized NIH/3T3 (mouse embryonic fibroblast) cells labelling Cofilin with ab319061 at 1/500 dilution, followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 dilution (Green). Confocal image showing cytoplasmic and weak nuclear staining in NIH/3T3 cell line (shown in green). The counterstain was observed in magenta. Nuclear DNA was labeled with DAPI (shown in blue). Left Panel is applied with Anti-Cofilin antibody [RM1210] (ab319061) at

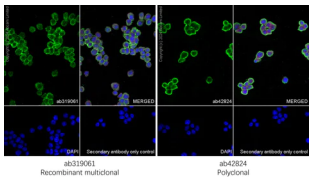
1/500 dilution (1.036 ug/ml); Right panel is applied with Anti-Cofilin antibody (ab42824) at 1/100 dilution (5.18 ug/ml). Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8). ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Magenta). 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 dilution.



Flow Cytometry (Intracellular) - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Flow Cytometry (Intracellular) staining of PC-12 (rat adrenal gland pheochromocytoma cell) using rabbit Anti-Cofilin antibody

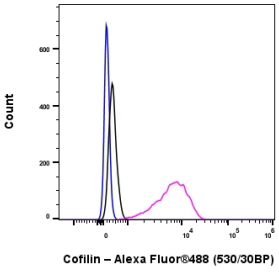
Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized PC-12 (rat adrenal gland pheochromocytoma cell) cells labelling Cofilin with ab319061 at 1/500 dilution (0.1ug) (Magenta) compared with a Rabbit monoclonal IgG (ab172730) (Black) isotype control and an unlabeled control (cells without incubation with primary antibody and secondary antibody). Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Immunocytochemistry/ Immunofluorescence staining of PC-12 (rat adrenal gland pheochromocytoma cell) cells using rabbit Anti-Cofilin antibody

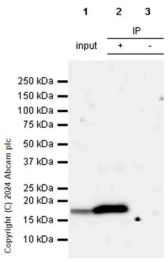
Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized PC-12 (rat adrenal gland pheochromocytoma cell) cells labelling Cofilin with ab319061 at 1/500 dilution, followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 dilution (Green). Confocal image showing cytoplasmic and weak nuclear staining in PC-12 cell line (shown in green). The counterstain was observed in magenta. Nuclear DNA was labeled with DAPI (shown in blue). Left Panel is applied with Anti-Cofilin antibody [RM1210] (ab319061) at 1/500 dilution (1.036 ug/ml); Right panel is applied with Anti-Cofilin antibody (ab42824) at 1/100 dilution (5.18 ug/ml). Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8). ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Magenta). 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 dilution.



Flow Cytometry (Intracellular) - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Flow Cytometry (Intracellular) staining of NIH/3T3 (mouse embryonic fibroblast) using rabbit Anti-Cofilin antibody

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized NIH/3T3 (mouse embryonic fibroblast) cells labelling Cofilin with ab319061 at 1/500 dilution (0.1ug) (Magenta) compared with a Rabbit monoclonal IgG (ab172730) (Black) isotype control and an unlabeled control (cells without incubation with primary antibody and secondary antibody). Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.



Immunoprecipitation - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin was immunoprecipitated from 0.35 mg PC-12 (rat adrenal gland pheochromocytoma cell) whole cell lysate with ab319061 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab319061 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP)(ab131366) was used at 1/5000 dilution.

Lane 1: PC-12 (rat adrenal gland pheochromocytoma cell) whole cell lysate
Lane 2: ab319061 IP in PC-12 (rat adrenal gland pheochromocytoma cell) whole cell lysate
Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab319061 in PC-12 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST

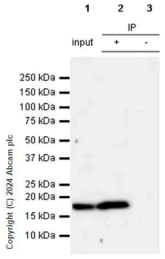
All lanes:
Immunoprecipitation - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061) at 1/30 dilution

All lanes:
PC-12 (rat adrenal gland pheochromocytoma cell) whole cell lysate at 10 µg

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/1000 dilution

Exposure time: 41s



Immunoprecipitation - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin was immunoprecipitated from 0.35 mg NIH/3T3 (mouse embryonic fibroblast) whole cell lysate with ab319061 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab319061 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP) (ab131366) was used at 1/5000 dilution.

Lane 1: NIH/3T3 (mouse embryonic fibroblast) whole cell lysate
Lane 2: ab319061 IP in NIH/3T3 (mouse embryonic fibroblast) whole cell lysate
Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab319061 in NIH/3T3 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST

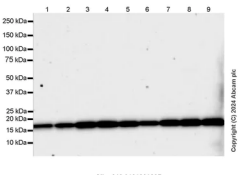
All lanes:
Immunoprecipitation - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061) at 1/30 dilution

All lanes:
NIH/3T3 (mouse embryonic fibroblast) whole cell lysate at 10 µg

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/1000 dilution

Exposure time: 41s



Western blot - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Western blot staining using rabbit Anti-Cofilin antibody

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

All lanes:
Western blot - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061) at 1/1000 dilution

Lane 1:
HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysate at 20 µg

Lane 2:
HEK-293 (human embryonic kidney epithelial cell) whole cell lysate at 20 µg

Lane 3:
Jurkat (human T cell leukemia T lymphocyte from peripheral blood) whole cell lysate at 20 µg

Lane 4:
SH-SY5Y (human neuroblastoma epithelial cell) whole cell lysate at 20 µg

Lane 5:
Caco-2 (human colorectal adenocarcinoma epithelial cell) whole cell lysate at 20 µg

Lane 6:
C6 (rat glial tumor glial cell) whole cell lysate at 20 µg

Lane 7:
PC-12 (rat adrenal gland pheochromocytoma cell) whole cell lysate at 20 µg

Lane 8:
NIH/3T3 (mouse embryonic fibroblast) whole cell lysate at 20 µg

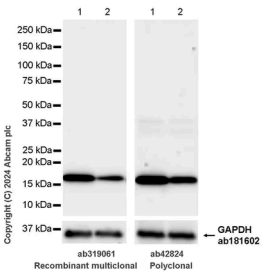
Lane 9:
RAW 264.7 (mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysate at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution

Observed band size: 18 kDa

Exposure time: 70s



Western blot - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Western blot staining using rabbit Anti-Cofilin antibody

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

In Western blot, Anti-GAPDH antibody [EPR16891] - Loading Control (ab181602) staining at 1/200000 dilution.

All lanes:
Western blot - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061) at 1/1000 dilution

Lane 1:

HeLa (human cervical adenocarcinoma epithelial cell) transfected with scrambled siRNA control whole cell lysate at 20 µg

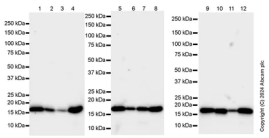
Lane 2:
HeLa transfected with siRNA specifically targeting cofilin whole cell lysate at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution

Observed band size: 18 kDa, 36 kDa

Exposure time: 26s



Western blot - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061)

Cofilin Western blot staining using rabbit Anti-Cofilin antibody

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

All lanes:
Western blot - Anti-Cofilin antibody [RM1210] - Loading Control (ab319061) at 1/1000 dilution

Lane 1:
Human cerebellum tissue lysate at 20 µg

Lane 2:
Human liver tissue lysate at 20 µg

Lane 3:
Human skeletal muscle tissue lysate at 20 µg

Lane 4:
Human spleen tissue lysate at 20 µg

Lane 5:
Mouse brain tissue lysate at 20 µg

Lane 6:
Mouse heart tissue lysate at 20 µg

Lane 7:
Mouse kidney tissue lysate at 20 µg

Lane 8:
Mouse spleen tissue lysate at 20 µg

Lane 9:
Rat brain tissue lysate at 20 µg

Lane 10:
Rat heart tissue lysate at 20 µg

Lane 11:
Rat kidney tissue lysate at 20 µg

Lane 12:
Rat spleen tissue lysate at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution

Observed band size: 18 kDa

Exposure time: 26s

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