

Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] ab254412

重组 RabMAb

15 图像

概述

产品名称	Anti-A2BP1/Fox1/RBFOX1 抗体[EPR23627-50]
描述	兔单克隆抗体[EPR23627-50] to A2BP1/Fox1/RBFOX1
宿主	Rabbit
经测试应用	适用于: WB, IHC-Fr, Flow Cyt (Intra), IP, ICC/IF 不适用于: IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human brain; Mouse brain, brain cortex and skeletal muscle; Rat brain and brain cortex, U-2 OS; Neuro-2a; L6 lysates. IHC-Fr: Mouse cerebrum; Rat cerebrum. ICC/IF: Rat primary neural/glia; Neuro-2a; L6; U-2 OS cells; mouse primary neural/glia cells. Flow Cyt (intra): U-2 OS; Neuro-2a cells. IP: Human brain; Mouse tissue lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59.94% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR23627-50

同种型

IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab254412 于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Predicted molecular weight: 42 kDa.
IHC-Fr		1/100. Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20)
Flow Cyt (Intra)		1/500.
IP		1/30.
ICC/IF		1/100.

应用说明

Is unsuitable for IHC-P.

靶标

功能

RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis.

组织特异性

Predominantly expressed in muscle and brain.

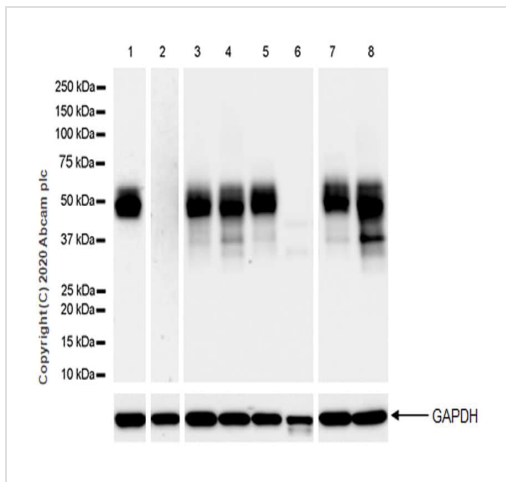
序列相似性

Contains 1 RRM (RNA recognition motif) domain.

细胞定位

Nucleus. Cytoplasm.

图片



Western blot - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

All lanes : Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412) at 1/1000 dilution

Lane 1 : Human brain tissue lysate

Lane 2 : Human liver tissue lysate

Lane 3 : Mouse brain tissue lysate

Lane 4 : Mouse brain cortex tissue lysate

Lane 5 : Mouse skeletal muscle tissue lysate

Lane 6 : Mouse liver tissue lysate

Lane 7 : Rat brain tissue lysate

Lane 8 : Rat brain cortex tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

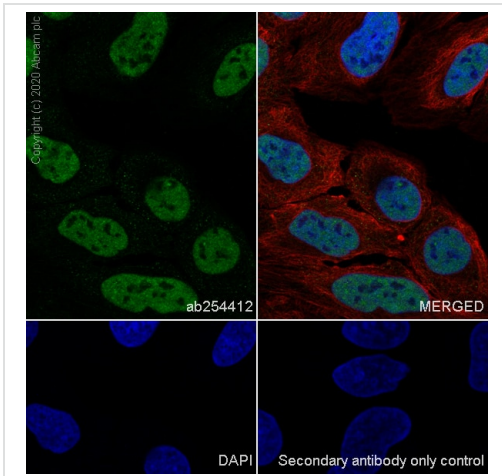
Predicted band size: 42 kDa

Observed band size: 43 kDa

Blocking and diluting buffer and concentration: 5% NFDN/TBST

Negative control: liver(PMID:12574126, PMID:16260614, PMID:20724578, PMID:20724578, PMID:10814712).

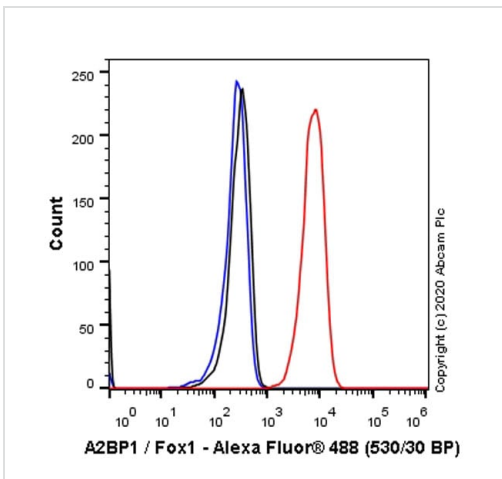
Exposure time: Lanes 1-2: 3 minutes; Lanes 3-6: 3 seconds; Lanes 7-8: 6 seconds.



Immunocytochemistry/ Immunofluorescence - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

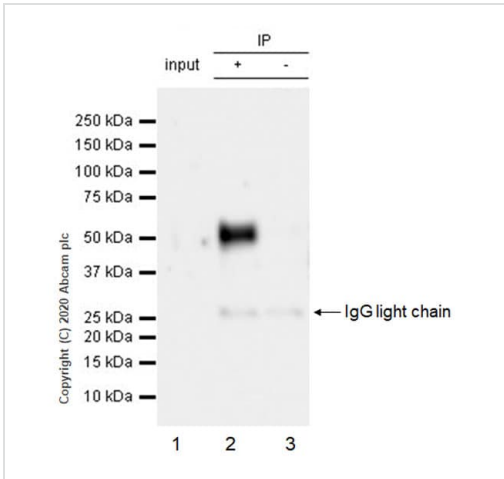
Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized U-2 OS cells labelling A2BP1/Fox1/RBFOX1 with ab254412 at 1/100 (5.72 ug/ml) dilution, followed by [ab150077](#) Goat Anti-Rabbit IgG H&L (Alexa Fluor®488) antibody at 1/1000 2 ug/ml dilution (Green). Confocal image showing nuclear and weakly cytoplasmic staining in U-2 OS cell line is observed. [ab195889](#) Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor®594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is [ab150077](#) Goat Anti-Rabbit IgG H&L (Alexa Fluor®488) at 1/1000 dilution.



Flow Cytometry (Intracellular) - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized U-2 OS (human bone osteosarcoma epithelial cell) cells labelling A2BP1/Fox1/RBFOX1 with ab254412 at 1/500 dilution (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, [ab150077](#)) at 1/2000 dilution was used as the secondary antibody.



Immunoprecipitation - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

A2BP1/Fox1/RBFOX1 was immunoprecipitated from 0.35 mg Human brain tissue lysate 10 ug with ab254412 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab254412 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP)(**ab131366**) was used at 1/5000 dilution.

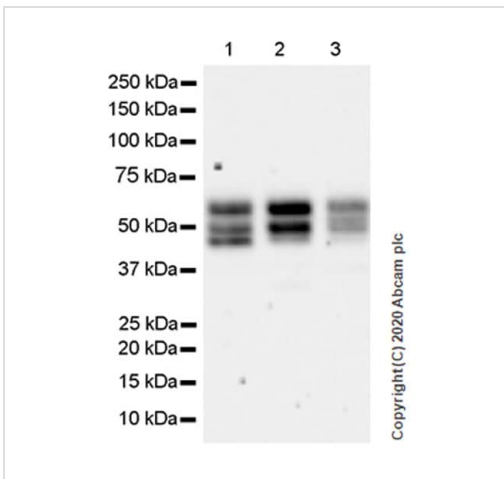
Lane 1: Human brain tissue lysate 10 ug

Lane 2: ab254412 IP in Human brain tissue lysate

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab254412 in human brain tissue lysate

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 32 seconds.



Western blot - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

All lanes : Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412) at 1/2000 dilution

Lane 1 : U-2 OS (human bone osteosarcoma epithelial cell) whole cell lysate

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

Lane 3 : L6 (rat skeletal muscle myoblast) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

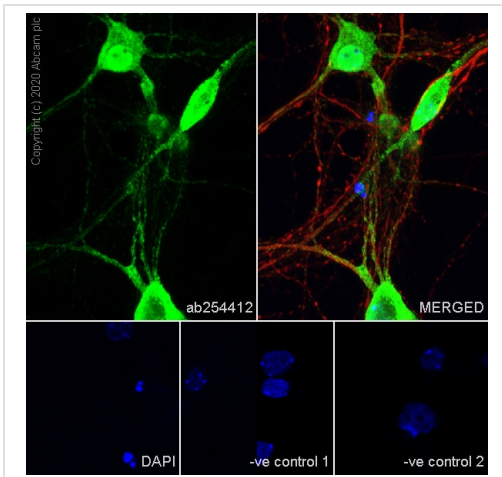
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 42 kDa

Observed band size: 43 kDa

Blocking and diluting buffer and concentration: 5% NFDm/TBST

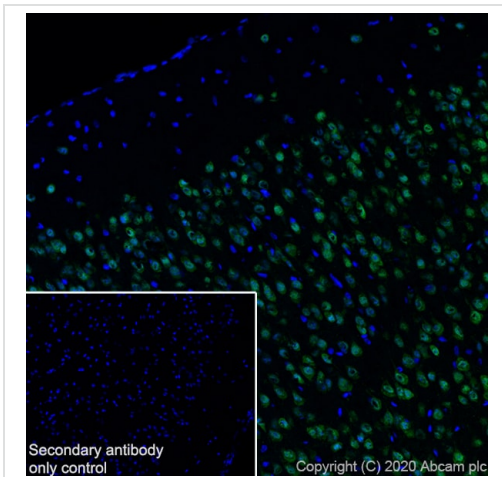
Exposure time: 103 seconds



Immunocytochemistry/ Immunofluorescence - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized mouse primary neural/glia cell cells labelling A2BP1/Fox1/RBFOX1 with ab254412 at 1/100 dilution, followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor®488) antibody at 1/1000 (Green). Confocal image showing nuclear and cytoplasmic staining in mouse primary neuron. Confocal scanning Z step was set as 0.3 µm followed by image processing with maximum Z projection is observed. **ab11267** Anti-MAP2 mouse monoclonal antibody was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor®488) at 1/1000 dilution.

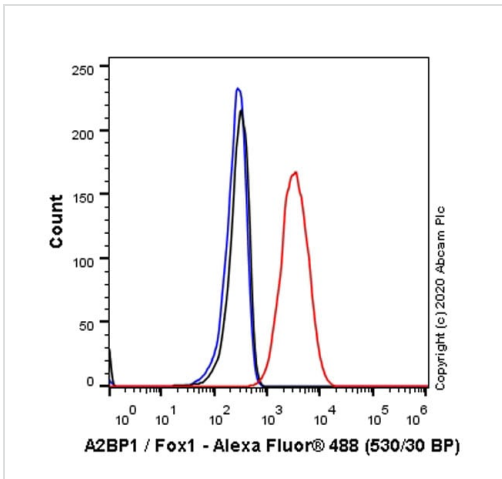


Immunohistochemistry (Frozen sections) - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Mouse cerebrum tissue labeling A2BP1/Fox1/RBFOX1 with ab254412 at 1/500 (1.144 µg/ml) dilution followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor®488) at 1/1000 dilution (Green). Positive staining on mouse cerebrum is observed. The nuclear counterstain was DAPI (Blue).

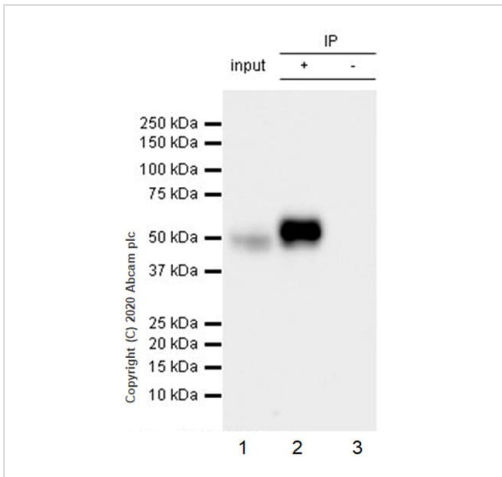
Secondary antibody control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor®488) at 1/1000 dilution.

Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20).



Flow Cytometry (Intracellular) - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized Neuro-2a (mouse neuroblastoma neuroblast) cells labelling A2BP1/Fox1/RBFOX1 with ab254412 at 1/500 dilution (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, [ab150077](#)) at 1/2000 dilution was used as the secondary antibody.



Immunoprecipitation - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

A2BP1/Fox1/RBFOX1 was immunoprecipitated from 0.35 mg Mouse brain tissue lysate 10 ug with ab254412 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab254412 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used at 1/5000 dilution.

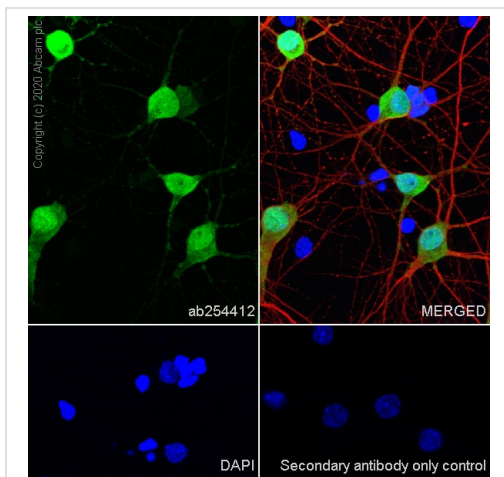
Lane 1: Mouse brain tissue lysate 10 ug

Lane 2: ab254412 IP in Mouse brain tissue lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab254412 in mouse brain tissue lysate

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

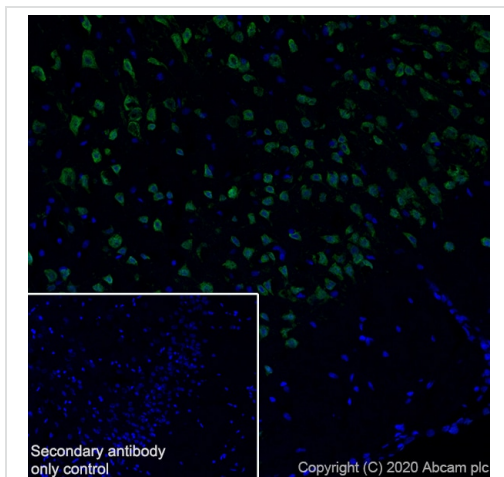
Exposure time: 15 seconds.



Immunocytochemistry/ Immunofluorescence - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized rat primary neural/glia cell cells labelling A2BP1/Fox1/RBFOX1 with ab254412 at 1/100 (11.44 ug/ml) dilution, followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). Confocal image showing nuclear and cytoplasmic staining in rat primary neuron. Confocal scanning Z step was set as 0.3 µm followed by image processing with maximum Z projection is observed. **ab11267** Anti-MAP2 mouse monoclonal antibody was used to counterstain tubulin at 1/200 2.5 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.

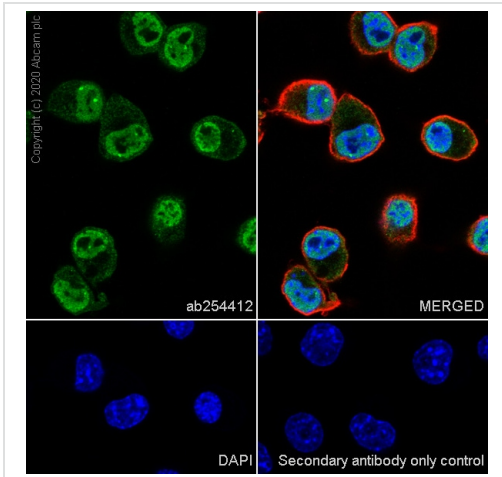


Immunohistochemistry (Frozen sections) - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Rat cerebrum tissue labeling A2BP1/Fox1/RBFOX1 with ab254412 at 1/500 (1.144 ug/ml) dilution followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution (Green). Positive staining on rat cerebrum is observed. The nuclear counterstain was DAPI (Blue).

Secondary antibody control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488)at 1/1000 dilution.

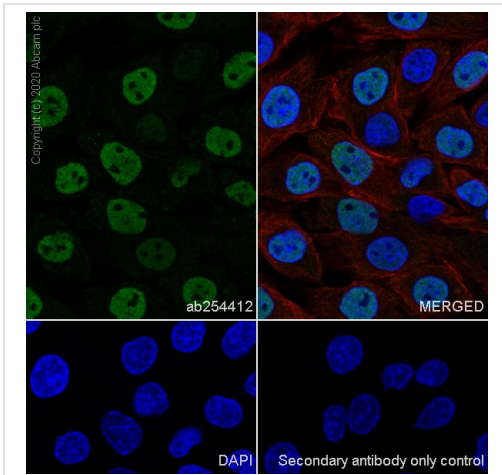
Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20).



Immunocytochemistry/ Immunofluorescence - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized Neuro-2a cells labelling A2BP1/Fox1/RBFOX1 with ab254412 at 1/100 (5.72 ug/ml) dilution, followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). Confocal image showing nuclear and cytoplasmic staining in Neuro-2a cell line is observed. **ab195889** Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

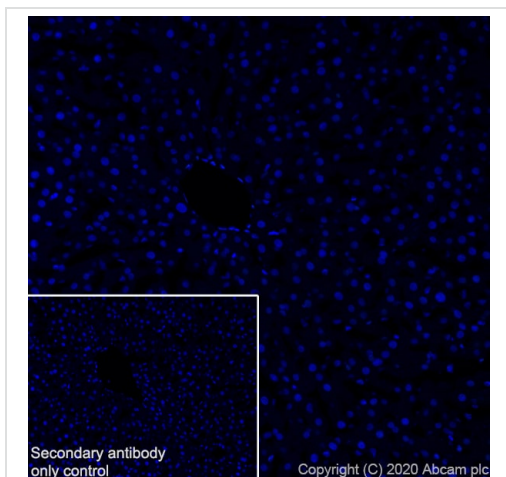
Secondary antibody only control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized L6 cells labelling A2BP1/Fox1/RBFOX1 with ab254412 at 1/100 (5.72 ug/ml) dilution, followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) antibody at 1/1000 2 ug/ml dilution (Green). Confocal image showing nuclear and weakly cytoplasmic staining in L6 cell line is observed. **ab195889** Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.

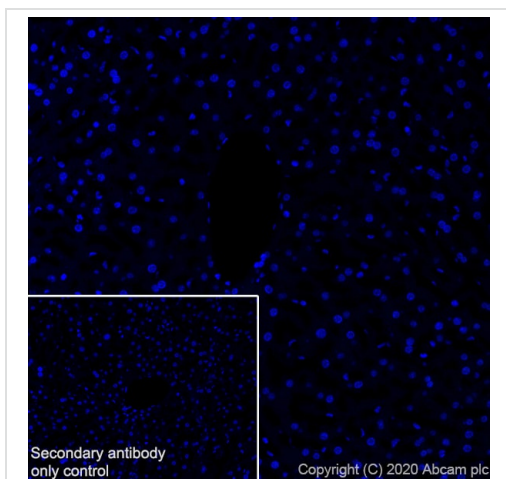


Immunohistochemistry (Frozen sections) - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Rat liver tissue labeling A2BP1/Fox1/RBFOX1 with ab254412 at 1/100 (5.72 ug/ml) dilution followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution (Green). Negative control: no staining on rat liver (PMID: 16260614) is observed. The nuclear counterstain was DAPI (Blue).

Secondary antibody control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.

Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20).



Immunohistochemistry (Frozen sections) - Anti-A2BP1/Fox1/RBFOX1 antibody [EPR23627-50] (ab254412)

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Mouse liver tissue labeling A2BP1/Fox1/RBFOX1 with ab254412 at 1/100 (5.72 ug/ml) dilution followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution (Green). Negative control: no staining on mouse liver (PMID: 16260614) is observed. The nuclear counterstain was DAPI (Blue).

Secondary antibody control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.

Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20).

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