

Anti-Mint-1 antibody [EPR15941] - N-terminal ab190359

Recombinant RabMAb

5 Images

Overview

Product name	Anti-Mint-1 antibody [EPR15941] - N-terminal
Description	Rabbit monoclonal [EPR15941] to Mint-1 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, IP
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal brain, Human cerebellum, Human Transitional cell carcinoma of bladder.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15941
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab190359 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/10000 - 1/50000. Detects a band of approximately 156 kDa (predicted molecular weight: 93 kDa).
IHC-P		1/50. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/40.

Target

Function

Putative function in synaptic vesicle exocytosis by binding to Munc18-1, an essential component of the synaptic vesicle exocytotic machinery. May modulate processing of the beta-amyloid precursor protein (APP) and hence formation of beta-APP.

Tissue specificity

Brain and spinal cord.

Sequence similarities

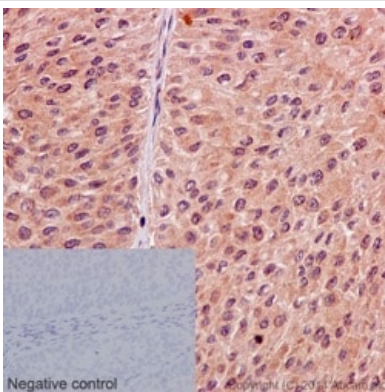
Contains 2 PDZ (DHR) domains.

Contains 1 PID domain.

Domain

Composed of an N-terminal domain that binds Munc18-1 and LIN-2/CASK, a middle phosphotyrosine-binding domain (PID/PTB) that mediates binding with the cytoplasmic domain of the beta-amyloid precursor protein, and two C-terminal PDZ domains thought to attach proteins to the plasma membrane.

Images

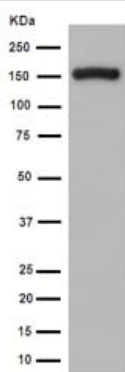


Immunohistochemical analysis of formalin-fixed, paraffin-embedded human transitional cell carcinoma of the bladder labeling Mint-1 with ab190359 at 1/50 dilution and HRP polymer for Rabbit IgG.

Counterstained with Hematoxylin. Negative control also shown.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mint-1 antibody [EPR15941] - N-terminal (ab190359)



Western blot - Anti-Mint-1 antibody [EPR15941] - N-terminal (ab190359)

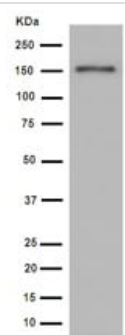
Anti-Mint-1 antibody [EPR15941] - N-terminal (ab190359) at 1/50000 dilution + Human fetal brain tissue lysate at 20 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 93 kDa

Observed band size: 156 kDa



Western blot - Anti-Mint-1 antibody [EPR15941] - N-terminal (ab190359)

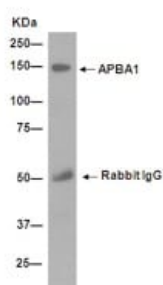
Anti-Mint-1 antibody [EPR15941] - N-terminal (ab190359) at 1/10000 dilution + Human cerebellum tissue lysate at 20 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 93 kDa

Observed band size: 156 kDa



Immunoprecipitation - Anti-Mint-1 antibody [EPR15941] - N-terminal (ab190359)

Immunoprecipitation of Human fetal brain labeling Mint-1 with ab190359 at 1/50 dilution and Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Mint-1 antibody [EPR15941] - N-terminal
(ab190359)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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