

Product datasheet

Anti-AHA1 antibody [EPR13888] - C-terminal ab191432

Recombinant RabMAb

4 Images

Overview

Product name	Anti-AHA1 antibody [EPR13888] - C-terminal
Description	Rabbit monoclonal [EPR13888] to AHA1 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human AHA1 aa 300 to the C-terminus. The exact sequence is proprietary. Database link: O95433
Positive control	RAW 264.7, PC12, NIH 3T3, HeLa, HepG2 and A549 cell lysates.
General notes	

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 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](#).

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise[™] guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work

with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

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	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13888
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab191432** in the following tested applications.

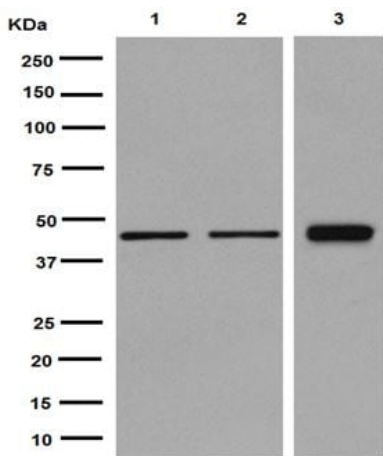
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		1/30.
WB		1/1000 - 1/10000. Detects a band of approximately 42 kDa (predicted molecular weight: 38 kDa).

Target

Function	Cochaperone that stimulates HSP90 ATPase activity (By similarity). May affect a step in the endoplasmic reticulum to Golgi trafficking.
Tissue specificity	Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.
Sequence similarities	Belongs to the AHA1 family.
Cellular localization	Cytoplasm > cytosol. Endoplasmic reticulum. May transiently interact with the endoplasmic reticulum.

Images



Western blot - Anti-AHA1 antibody [EPR13888] - C-terminal (ab191432)

All lanes : Anti-AHA1 antibody [EPR13888] - C-terminal (ab191432) at 1/10000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : HepG2 cell lysate

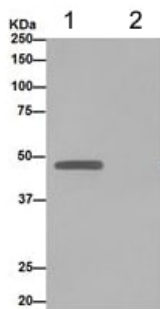
Lane 3 : A549 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

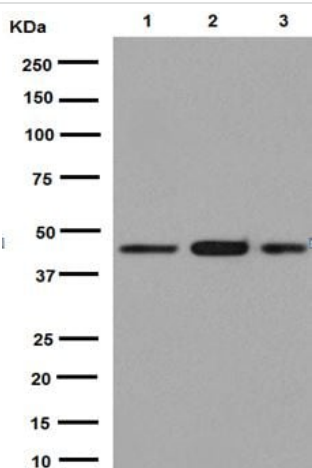
Predicted band size: 38 kDa



Immunoprecipitation - Anti-AHA1 antibody [EPR13888] - C-terminal (ab191432)

Western blot analysis of immunoprecipitation pellet from HeLa cell lysate immunoprecipitated using ab191432 at 1/30 dilution (lane 1) or PBS control (lane 2).

Secondary: Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution.



Western blot - Anti-AHA1 antibody [EPR13888] - C-terminal (ab191432)

All lanes : Anti-AHA1 antibody [EPR13888] - C-terminal (ab191432) at 1/1000 dilution

Lane 1 : RAW 264.7 cell lysate

Lane 2 : PC12 cell lysate

Lane 3 : NIH 3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 38 kDa

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-AHA1 antibody [EPR13888] - C-terminal
(ab191432)

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

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