

Anti-IPP antibody [EPR15575] - BSA and Azide free ab251133

Recombinant RabMAb

5 Images

Overview

Product name	Anti-IPP antibody [EPR15575] - BSA and Azide free
Description	Rabbit monoclonal [EPR15575] to IPP - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab251133 is the carrier-free version of ab192266.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15575
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251133 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

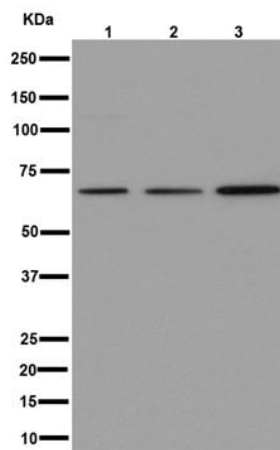
Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 65 kDa (predicted molecular weight: 65 kDa).

Target

Relevance Intracisternal A particle promoted polypeptide (IPP) is a member of the kelch family of proteins, characterized by a 50 amino acid repeat which interacts with actin. The kelch domain of IPP consists of six C terminal tandem arranged repeats. IPP may play a role in organizing the actin cytoskeleton. IPP also contains an N terminal POZ protein protein interaction domain. The POZ domain (also called BTB domain) is present near the N terminus of a fraction of zinc finger proteins and in proteins that contain the pfam01344 motif such as kelch and pox virus proteins. The BTB/POZ domain mediates homomeric dimerization and in some instances heteromeric dimerization. POZ domains from several zinc finger proteins have been shown to mediate transcriptional repression and to interact with components of histone deacetylase co repressor complexes including N-coR and SMRT.

Cellular localization Cytoplasm, cytoskeleton.

Images



Western blot - Anti-IPP antibody [EPR15575] - BSA and Azide free (ab251133)

All lanes : Anti-IPP antibody [EPR15575] ([ab192266](#)) at 1/1000 dilution

Lane 1 : HepG2 cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : Human testis tissue lysate

Lysates/proteins at 20 µg per lane.

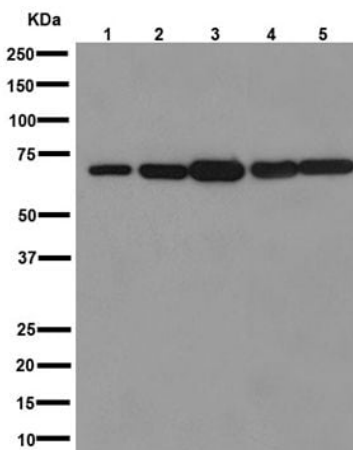
Secondary

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

Predicted band size: 65 kDa

Observed band size: 65 kDa

This data was developed using [ab192266](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-IPP antibody [EPR15575] - BSA and Azide free (ab251133)

All lanes : Anti-IPP antibody [EPR15575] ([ab192266](#)) at 1/1000 dilution

Lane 1 : Mouse brain tissue lysate

Lane 2 : Mouse heart tissue lysate

Lane 3 : Mouse kidney tissue lysate

Lane 4 : Rat heart tissue lysate

Lane 5 : Rat kidney tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

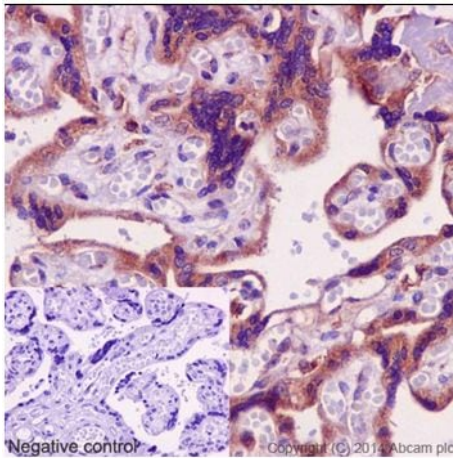
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 65 kDa

Observed band size: 65 kDa

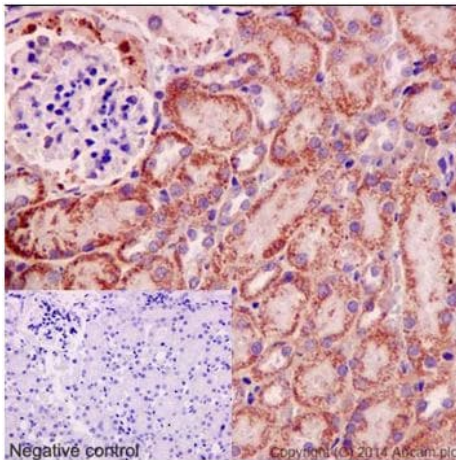
This data was developed using [**ab192266**](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IPP antibody [EPR15575]
- BSA and Azide free (ab251133)

This data was developed using [**ab192266**](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human placenta tissue labeling IPP with [**ab192266**](#) at 1/100 dilution, followed by prediluted HRP Polymer for Rabbit/Mouse IgG. Counter stained with Hematoxylin. Negative control also shown. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



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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

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(ab251133)

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

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