abcam

Product datasheet

Anti-XPNPEP2/mAPP antibody ab97852

★★★★★ 2 Abreviews 1 References 1 Image

Overview

Product name	Anti-XPNPEP2/mAPP antibody
Description	Rabbit polyclonal to XPNPEP2/mAPP
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Pig
Immunogen	Recombinant fragment corresponding to Human XPNPEP2/mAPP aa 286-534. Database link: **NP_003390**
Positive control	A549, HeLa, HepG2 and HCT116 cell lysates
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. 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, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab97852 in the following tested applications.

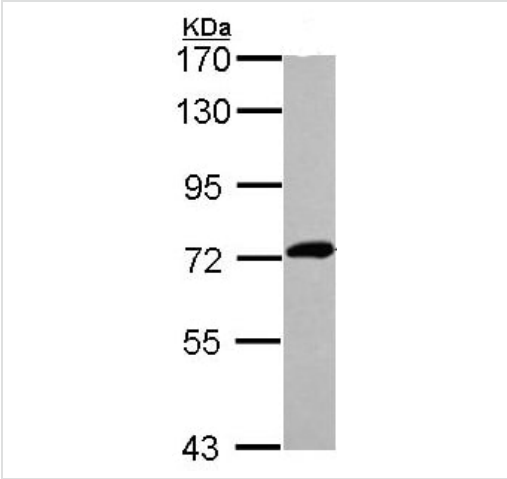
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 76 kDa.

Target

Function	A metalloprotease that may play a role in the inflammatory process and other reactions produced in response to injury or infection. May also play a role in the metabolism of the vasodilator bradykinin.
Tissue specificity	Expressed in kidney, lung, heart, placenta, liver, small intestine and colon. No expression in brain, skeletal muscle, pancreas, spleen, thymus, prostate, testis and ovary.
Involvement in disease	Angioedema induced by ACE inhibitors
Sequence similarities	Belongs to the peptidase M24B family.
Post-translational modifications	Heavily glycosylated.
Cellular localization	Cell membrane.

Images



Western blot - Anti-XPNPEP2/mAPP antibody (ab97852)

Anti-XPNPEP2/mAPP antibody (ab97852) at 1/1000 dilution + HepG2 whole cell lysate at 30 µg

Predicted band size: 76 kDa

7.5% SDS-PAGE.

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

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