


Anti-MPP1 antibody ab96255

[1 References](#) [2 Images](#)

Overview

Product name	Anti-MPP1 antibody
Description	Rabbit polyclonal to MPP1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rabbit, Cow 
Immunogen	Recombinant fragment containing a sequence corresponding to a region within amino acids 214-398 of Human MPP1 (NP_002427).
Positive control	HeLa whole cell lysate, Cal27 xenograft; 293T, A431, H1299, HepG2, Molt-4 and Raji cell lysates
General notes	<p>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.</p> <p>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</p>

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 ab96255 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: 52 kDa.
IHC-P		1/100 - 1/500.

Target

Function

Essential regulator of neutrophil polarity. Regulates neutrophil polarization by regulating AKT1 phosphorylation through a mechanism that is independent of PIK3CG activity.

Tissue specificity

Ubiquitous.

Sequence similarities

Belongs to the MAGUK family.
Contains 1 guanylate kinase-like domain.
Contains 1 PDZ (DHR) domain.
Contains 1 SH3 domain.

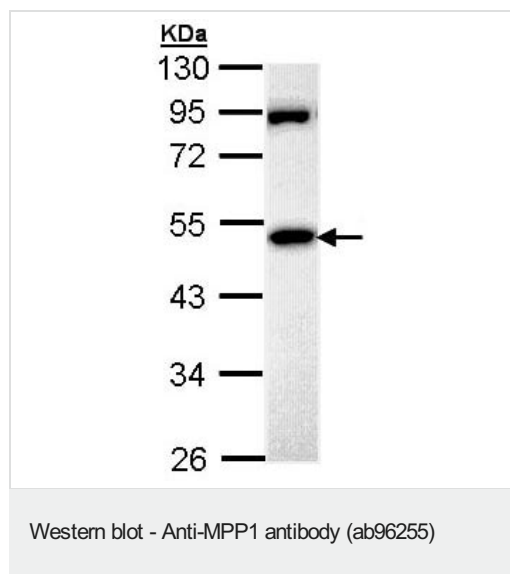
Post-translational modifications

Extensively palmitoylated.

Cellular localization

Membrane. Cell projection > stereocilium. Colocalizes with WHRN at stereocilium tip during hair cell development (By similarity). Colocalizes with MPP5 in the retina, at the outer limiting membrane (OLM). Colocalizes with WHRN in the retina, at the outer limiting membrane (OLM), outer plexiform layer (OPL), basal bodies and at the connecting cilium (CC). Colocalizes with NF2 in non-myelin-forming Schwann cells.

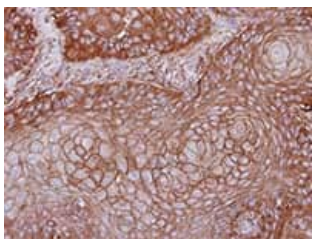
Images



Anti-MPP1 antibody (ab96255) at 1/1000 dilution + HeLa whole cell lysate at 30 µg

Predicted band size: 52 kDa

10% SDS-PAGE



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using ab96255 antibody at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPP1 antibody (ab96255)

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

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