



[Go to Product page](#)

Datasheet for ABIN2775628
anti-MPP5 antibody (N-Term)

5 Images

Overview

Quantity:	100 µL
Target:	MPP5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MPP5
Sequence:	AVDCPGDLGT RMMPIRNSAQ LERIRQQQED MRRRREEEGK KQELDLNSSM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 80%
Characteristics:	This is a rabbit polyclonal antibody against MPP5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MPP5
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Target Details

Alternative Name: MPP5 ([MPP5 Products](#))

Background: Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like, ZO1-like, p55-like, and LIN2-like, based on their size and the presence of additional domains. MPP5 is a member of the p55-like MAGUK subfamily. Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like (see DLG1, MIM 601014), ZO1-like (see TJP1, MIM 601009), p55-like (see MPP1, MIM 305360), and LIN2-like (see CASK, MIM 300172), based on their size and the presence of additional domains (Tseng et al., 2001 [PubMed 11311936]). MPP5 is a member of the p55-like MAGUK subfamily. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Alias Symbols: FLJ12615, PALS1

Protein Interaction Partner: LIN7A, WWOX, AMOT, AMOTL2, LATS2, YAP1, LATS1, Wwtr1, ZNF451, UBD, ARHGAP17, UBC, PARD6B, CRB3, MPP4, INADL, ARF6, PARD6A,

Protein Size: 675

Molecular Weight: 77 kDa

Gene ID: 64398

NCBI Accession: [NM_022474](#), [NP_071919](#)

UniProt: [Q8N3R9](#)

Pathways: [Nucleotide Phosphorylation](#), [Tube Formation](#), [Asymmetric Protein Localization](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

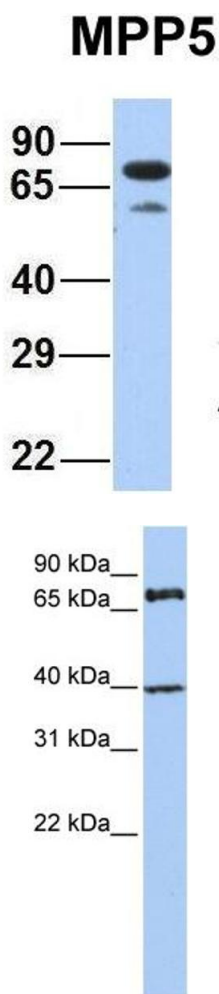
Comment: Antigen size: 675 AA

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

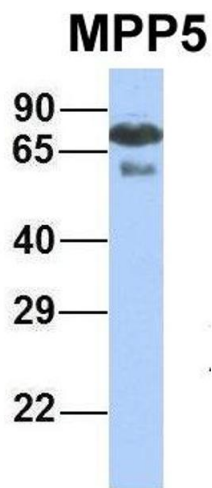


Western Blotting

Image 1. Host: Rabbit Target Name: MPP5 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml

Western Blotting

Image 2. WB Suggested Anti-MPP5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate



Western Blotting

Image 3. Host: Rabbit Target Name: MPP5 Sample Type:
Human Fetal Lung Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2775628.