

Rabbit MPP7 Polyclonal Antibody | anti-MPP7 antibody

MPP7 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200281	Rabbit	Tested: Human; Predicted: Cow, Dog, Horse, Human, Mouse, Rabbit, Rat	Western Blot

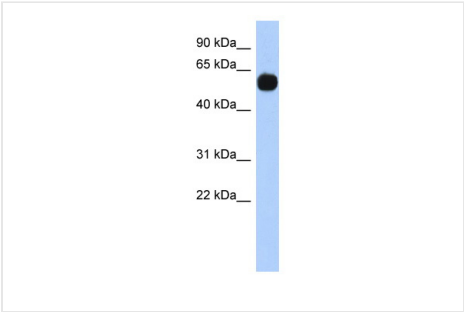
PRODUCT SYNONYMS

MPP7; Polyclonal Antibody; MPP7 antibody - N-terminal region; anti-MPP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human; Predicted: Cow, Dog, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: MP ALSTGSGSDT GLYELLAALP AQLQPHVDSQ EDLTLWDMF GEKSLHSL
Sequence Length	576
Applicable Applications for anti-MPP7 antibody	WB (Western Blot)
Protein Size (#AA)	576 amino acids
Protein Interactions	AMOT; Wwtr1; Yap1; UBC
Blocking Peptide	For anti-MPP7 antibody is
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MPP7
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Replacement Item	This antibody may replace item sc-163089 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-MPP7 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive
Control: HT1080 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MPP7 antibody	This is a rabbit polyclonal antibody against MPP7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MPP7 acts as an important adapter that promotes epithelial cell polarity and tight junction formation via its interaction with DLG1. MPP7 is involved in the assembly of protein complexes at sites of cell-cell contact.Membrane-associated guanylate kinases (MAGUKs) are important adaptor proteins involved in the assembly of protein complexes at sites of cell-cell contact. They are found in synapses, adherens junctions, and tight junctions. All MAGUKs contain at least 1 PDZ domain, an SH3 domain, and a GUK domain, and many contain 1 or 2 L27 domains, which are involved in multimerization of MAGUKs. MPP7 belongs to the p55 stardust subfamily of MAGUKs, which is named for a Drosophila gene required for establishment of cell polarity in the developing fly embryo (Bohl et al., 2007 [PubMed 17237226]).[supplied by OMIM].
Product Categories/Family for anti-MPP7 antibody	Polyclonal; Developmental Biology; Signal Transduction; Various; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	111154074
NCBI GeneID	143098
NCBI Accession #	NP_775767
NCBI GenBank Nucleotide #	NM_173496
UniProt Accession #	Q5T2T1
Molecular Weight	65kDa
NCBI Official Full Name	MAGUK p55 subfamily member 7
NCBI Official Synonym Full Names	membrane palmitoylated protein 7
NCBI Official Symbol	MPP7
NCBI Protein Information	MAGUK p55 subfamily member 7
UniProt Protein Name	MAGUK p55 subfamily member 7
UniProt Gene Name	MPP7
UniProt Entry Name	MPP7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

