

Rabbit anti-Human MPP3 Polyclonal Antibody | anti-MPP3 antibody

MPP3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288894	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

MPP3; Polyclonal Antibody; MPP3 Antibody (C-term); MAGUK p55 subfamily member 3; Discs large homolog 3; Protein MPP3; DLG3; anti-MPP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MPP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 406-434 amino acids from the C-terminal region of human MPP3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	406-434
Sequence Length	585
Applicable Applications for anti-MPP3 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

MPP3 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)

Confocal immunofluorescent analysis of MPP3 Antibody (C-term) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
MPP3 Antibody (C-term) western blot analysis in K562,NCI-H292 cell line lysates (35ug/lane).This demonstrates the MPP3 antibody detected the MPP3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MPP3 antibody	This gene product is a member of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. This protein contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction. Alternatively spliced transcript variants have been identified. One transcript variant is experimentally supported, but it doesn't encode a protein.
Product Categories/Family for anti-MPP3 antibody	Signal Transduction
References	Qin, L., et al. Zhonghua Gan Zang Bing Za Zhi 15(7):509-512(2007) Kantardzhieva, A., et al. FEBS J. 273(6):1152-1165(2006) Stelzl, U., et al. Cell 122(6):957-968(2005) Fukuhara, H., et al. Oncogene 22(40):6160-6165(2003) Shin, B.K., et al. J. Biol. Chem. 278(9):7607-7616(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536464
NCBI GeneID	4356
NCBI Accession #	NP_001923.2
NCBI GenBank Nucleotide #	NM_001932.4
UniProt Accession #	Q13368; Q4GX05; Q6PGR3; Q86SV1; B2R7N0; D3DX47
Molecular Weight	66152
NCBI Official Full Name	MAGUK p55 subfamily member 3
NCBI Official Synonym Full Names	membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)
NCBI Official Symbol	MPP3
NCBI Official Synonym Symbols	DLG3
NCBI Protein Information	MAGUK p55 subfamily member 3
UniProt Protein Name	MAGUK p55 subfamily member 3
UniProt Gene Name	MPP3
UniProt Synonym Gene Names	DLG3
UniProt Entry Name	MPP3_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.

