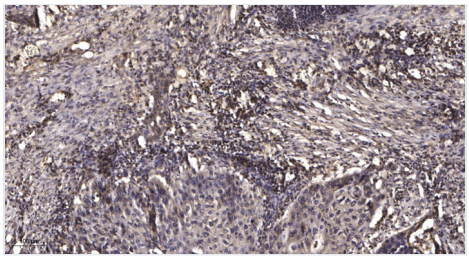
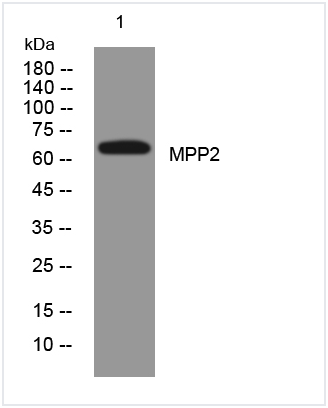
MPP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MPP2, Polyclonal Antibody
Full Product Name	MPP2 Antibody
Product Gene Name	anti-MPP2 antibody
Product Synonym Names	MPP2
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of MPP2 at Human/Mouse
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	64,581 Da
OMIM	600723
3D Structure	ModBase 3D Structure for Q14168
Immunogen	Synthesized peptide derived from human MPP2 AA range: 439-489
Modification	Unmodified/Total
Product Categories/Family for anti-MPP2 antibody	Primary Antibodies
Applications Tested/Suitable for anti-MPP2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MPP2 antibody	WB: 1:500-2000 IHC: 1:50-300
Related Product Information for anti-MPP2 antibody	Palmitoylated membrane protein 2 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. Palmitoylated membrane protein 2 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. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-MPP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MPP2 purchase	MBS9520415 is an antibody targeting MPP2. Also known as MPP2 Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-MPP2 antibody
Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



Western Blot (WB) of anti-MPP2 antibody
Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MPP2. It may not necessarily be applicable to this product.

NCBI GI #	119572038
NCBI GeneID	4355
NCBI Accession #	EAW51653.1
UniProt Primary Accession #	Q14168
UniProt Secondary Accession #	Q53ES9; Q5CZB9; Q9BQJ2; B4DGE9; B4DRJ0; B7Z3G8; E7EV80; E7EV91; E7EX01
UniProt Related Accession #	Q14168
NCBI Official Full Name	membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2), isoform CRA_a
NCBI Official Synonym Full Names	membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2)
NCBI Official Symbol	MPP2
NCBI Official Synonym Symbols	DLG2
UniProt Protein Name	MAGUK p55 subfamily member 2
UniProt Synonym Protein Names	Discs large homolog 2; Protein MPP2
Protein Family	MAGUK p55 subfamily
UniProt Gene Name	MPP2
UniProt Synonym Gene Names	DLG2
UniProt Entry Name	MPP2_HUMAN
NCBI Protein Information	MAGUK p55 subfamily member 2; discs large, homolog 2

UniProt Comments for MPP2	MPP2: a protein of the MAGUK family. Contains one guanylate kinase-like domain, one SH3 domain, one PDZ domain, and two L27 domains. L27 domains are foun CASK in receptor targeting proteins including Lin-2, -4, -5, -6 and -7C, as well as the protein kinases. Three isoforms of the human protein are produced by alternative splicing. Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 17q12-q21 Cellular Component: membrane; integral to plasma membrane Molecular Function: guanylate kinase activity; PDZ domain binding Biological Process: signal transduction; nucleotide phosphorylation
Research Articles on MPP2	**1.** MPP2 interacts with c-Src in cells to control c-Src activity and morphological function.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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