



Anti-MPP4 (aa 1-109) polyclonal antibody (DPAB-DC2649)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) protein family, with an N-terminal PDZ domain, a central src homology 3 region (SH3), and a C-terminal guanylate kinase-like (GUK) domain. The protein is localized to the outer limiting membrane in the retina, and is thought to function in photoreceptor polarity and the organization of specialized intercellular junctions. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
Immunogen	MPP4 (NP_149055, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag. The sequence is MIQSDKGADPPDKKDMKLSTATNPQNGLSQILRLVLQELSLFYSRDVNGVCLLYDLLHSP WLQALLKIYDCLQEFKEKKLVPAATPHAQVLSYEVVELLRETPTSPEIQE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MPP4 membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4) [Homo sapiens (human)]
Official Symbol	MPP4
Synonyms	MPP4; membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4); DLG6; ALS2CR5; MAGUK p55 subfamily member 4; discs large homolog 6; discs, large homolog 6; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 5 protein;
Entrez Gene ID	58538
Protein Refseq	NP_149055
UniProt ID	Q96JB8
Chromosome Location	2q33.2