

MPP2 Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP21878b**Specification**

MPP2 Blocking Peptide (C-Term) - Product Information

Primary Accession [Q14168](#)
Other Accession [Q9WV34](#)

MPP2 Blocking Peptide (C-Term) - Additional Information

Gene ID 4355

Other Names

MAGUK p55 subfamily member 2, Discs large homolog 2, Protein MPP2, MPP2, DLG2

Target/Specificity

The synthetic peptide sequence is selected from aa 408-419 of HUMAN MPP2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MPP2 Blocking Peptide (C-Term) - Protein Information

Name MPP2 ([HGNC:7220](#))

Synonyms DLG2

Function

Postsynaptic MAGUK scaffold protein that links CADM1 cell adhesion molecules to core components of the postsynaptic density (By similarity). In CA1 pyramidal neurons, required for synaptic KCNN2- containing channel function and long-term potentiation expression (By similarity). Seems to negatively regulate SRC function in epithelial cells (PubMed:19665017).

Cellular Location

Cytoplasm, cytoskeleton. Membrane Cell projection, dendrite {ECO:0000250|UniProtKB:Q9WV34}. Postsynaptic density {ECO:0000250|UniProtKB:Q9WV34}. Note=Prominently expressed in the postsynaptic densities of dendritic spines, is also detected in dendritic shafts. {ECO:0000250|UniProtKB:Q9WV34}

MPP2 Blocking Peptide (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MPP2 Blocking Peptide (C-Term) - Images**MPP2 Blocking Peptide (C-Term) - References**

Mazoyer S.,et al.Genomics 28:25-31(1995).

Wiemann S.,et al.Genome Res. 11:422-435(2001).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Totoki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.