

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

Synthetic peptide

Catalog # BP21878b

**Specification**

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**MPP2 Blocking Peptide (C-Term) - Product Information**

Primary Accession

[O14168](#)

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:<a href="http://www.uniprot.org/citations/19665017" target="\_blank">19665017</a>).

**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.