

MPPE1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18577b**Specification**

MPPE1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q53F39](#)**MPPE1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 65258**Other Names**

Metallophosphoesterase 1, 31--, Post-GPI attachment to proteins factor 5, MPPE1, PGAP5

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.

MPPE1 Antibody (C-term) Blocking Peptide - Protein Information**Name** MPPE1 ([HGNC:15988](#))**Function**

Metallophosphoesterase required for transport of GPI-anchor proteins from the endoplasmic reticulum to the Golgi. Acts in lipid remodeling steps of GPI-anchor maturation by mediating the removal of a side-chain ethanolamine-phosphate (EtNP) from the second Man (Man2) of the GPI intermediate, an essential step for efficient transport of GPI- anchor proteins.

Cellular Location

Endoplasmic reticulum-Golgi intermediate compartment membrane; Multi-pass membrane protein. Golgi apparatus, cis-Golgi network membrane; Multi-pass membrane protein. Note=Also localizes to endoplasmic reticulum exit site

Tissue Location

Expressed in brain..

MPPE1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MPPE1 Antibody (C-term) Blocking Peptide - Images

MPPE1 Antibody (C-term) Blocking Peptide - Background

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MPPE1 Antibody (C-term) Blocking Peptide - References

Lohoff, F.W., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (3), 830-836 (2010) :Fujita, M., et al. Cell 139(2):352-365(2009)Yosifova, A., et al. J Affect Disord 117 (1-2), 87-97 (2009)
:Fortna, A., et al. PLoS Biol. 2 (7), E207 (2004) :Vuoristo, J.T., et al. Cytogenet. Cell Genet. 95 (1-2), 60-63 (2001) :