

PCMTD1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18176a**Specification**

PCMTD1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96MG8](#)**PCMTD1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 115294**Other Names**

Protein-L-isoaspartate O-methyltransferase domain-containing protein 1, PCMTD1

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.

PCMTD1 Antibody (N-term) Blocking Peptide - Protein Information**Name** PCMTD1 ([HGNC:30483](#))**Function**

Substrate recognition component of an ECS (Elongin BC-CUL5- SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:35486881). Specifically binds to the methyltransferase cofactor S-adenosylmethionine (AdoMet) via the N-terminal AdoMet binding motif, but does not display methyltransferase activity (PubMed:35486881). May provide an alternate maintenance pathway for modified proteins by acting as a damage-specific E3 ubiquitin ligase adaptor protein (PubMed:35486881).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P22061}. Membrane; Lipid-anchor

PCMTD1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PCMTD1 Antibody (N-term) Blocking Peptide - Images

PCMTD1 Antibody (N-term) Blocking Peptide - Background

PCMTD1 belongs to the methyltransferase superfamily. L-isoaspartyl/D-aspartyl protein methyltransferase family.

PCMTD1 Antibody (N-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :