

PPME1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17289b**Specification**

PPME1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y570](#)**PPME1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 51400**Other Names**

Protein phosphatase methylesterase 1, PME-1, PPME1, PME1

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.

PPME1 Antibody (C-term) Blocking Peptide - Protein Information**Name** PPME1**Synonyms** PME1**Function**

Demethylates proteins that have been reversibly carboxymethylated. Demethylates PPP2CB (in vitro) and PPP2CA. Binding to PPP2CA displaces the manganese ion and inactivates the enzyme.

PPME1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPME1 Antibody (C-term) Blocking Peptide - Images**PPME1 Antibody (C-term) Blocking Peptide - Background**

Protein phosphatase methylesterase-1 catalyzes the demethylation of the protein phosphatase-2A catalytic subunit (PPP2CA; MIM 176915) (Ogris et al., 1999 [PubMed10318862]).

PPME1 Antibody (C-term) Blocking Peptide - References

Puustinen, P., et al. Cancer Res. 69(7):2870-2877(2009)Longin, S., et al. Exp. Cell Res. 314(1):68-81(2008)Gevaert, K., et al. Nat. Biotechnol. 21(5):566-569(2003)Ogris, E., et al. J. Biol. Chem. 274(20):14382-14391(1999)