

PPME1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17289b

Specification

PPME1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9Y570
Other Accession	Q4FZT2 , Q8BVO5 , Q58DN4 , NP_057231.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42315
Antigen Region	351-379

PPME1 Antibody (C-term) - Additional Information

Gene ID 51400

Other Names

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

Target/Specificity

This PPME1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 351-379 amino acids from the C-terminal region of human PPME1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PPME1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PPME1 Antibody (C-term) - Protein Information

Name PPME1

Synonyms PME1

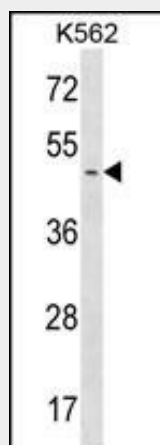
Function Demethylates proteins that have been reversibly carboxymethylated. Demethylates PPP2CB (in vitro) and PPP2CA. Binding to PPP2CA displaces the manganese ion and inactivates the enzyme.

PPME1 Antibody (C-term) - Protocols

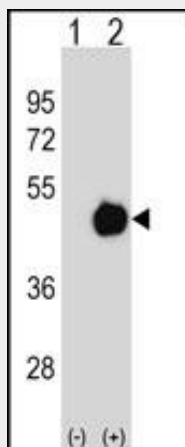
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPME1 Antibody (C-term) - Images



PPME1 Antibody (C-term) (Cat. #AP17289b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the PPME1 antibody detected the PPME1 protein (arrow).



Western blot analysis of PPME1 (arrow) using rabbit polyclonal PPME1 Antibody (C-term) (Cat.

#AP17289b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PPME1 gene.

PPME1 Antibody (C-term) - Background

Protein phosphatase methylesterase-1 catalyzes the demethylation of the protein phosphatase-2A catalytic subunit (PPP2CA; MIM 176915) (Ogris et al., 1999 [PubMed 10318862]).

PPME1 Antibody (C-term) - 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)