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PPME1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17289b

Product Information

Application	WB, E
Primary Accession	Q9Y570
Other Accession	Q4FZT2, Q8BVQ5, Q58DN4, NP_057231.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36541
Calculated MW	42315
Antigen Region	351-379

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.

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.

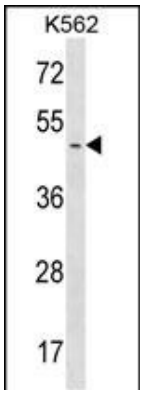
Background

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

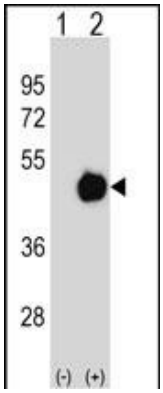
References

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)

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.