

Mouse anti-Human PPT1 Monoclonal Antibody | anti-PPT1 antibody

PPT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28640	Mouse	Human	Western Blot, ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

PPT1; Monoclonal Antibody; PPT1 Antibody; Palmitoyl-protein thioesterase 1; PPT-1; Palmitoyl-protein hydrolase 1; PPT; anti-PPT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1117CT11.2.1.4
Specificity	This PPT1 antibody is generated from a mouse immunized with a full-length recombinant protein from human PPT1.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	306
Applicable Applications for anti-PPT1 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Application Notes	WB~~1:1000 FC~~1:25 IHC~~1:25
Antigen Type	Recombinant Protein
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysate from HepG2 cell line using PPT1 Antibody. AAA28640 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded R. cerebellum section using PPT1 Antibody (C-term). AAA28640 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



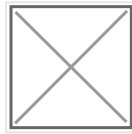
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded M. cerebellum section using PPT1 Antibody (C-term). AAA28640 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



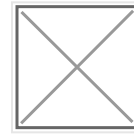
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. cerebellum section using PPT1 Antibody (C-term). AAA28640 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



FCM (Flow Cytometry)

Flow cytometric analysis of HepG2 cells using PPT1 Antibody (C-term)(green) compared to an isotype control of mouse IgG1(blue). AAA28640 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.



WB (Western Blot)

All lanes : Anti-PPT1 Antibody (C-term) at 1:2000 dilution
Lane 1: Hela whole cell lysates
Lane 2: HepG2 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 34 kDa
Blocking/Dilution buffer: 5% NFDN/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PPT1 antibody	Removes thioester-linked fatty acyl groups such as palmitate from modified cysteine residues in proteins or peptides during lysosomal degradation. Prefers acyl chain lengths of 14 to 18 carbons.
Product Categories/Family for anti-PPT1 antibody	Crown Antibodies ; Metabolism ; Signal Transduction
References	Vesa J.,et al.Nature 376:584-587(1995). Crews C.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:4316-4319(1996). Schriner J.E.,et al.Genomics 34:317-322(1996). Ota T.,et al.Nat. Genet. 36:40-45(2004). Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506031
NCBI GeneID	5538
NCBI Accession #	NP_000301.1
NCBI GenBank Nucleotide #	NM_000310.3
UniProt Accession #	P50897 ; Q6FGQ4 ; B4DY24
Molecular Weight	34193
NCBI Official Full Name	palmitoyl-protein thioesterase 1 isoform 1
NCBI Official Synonym Full Names	palmitoyl-protein thioesterase 1
NCBI Official Symbol	PPT1
NCBI Official Synonym Symbols	PPT; CLN1; INCL
NCBI Protein Information	palmitoyl-protein thioesterase 1
UniProt Protein Name	Palmitoyl-protein thioesterase 1
UniProt Gene Name	PPT1
UniProt Synonym Gene Names	PPT; PPT-1
UniProt Entry Name	PPT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ppt1-antibody-clone-1117ct11-2-1-4-western-blot-flow-cytometry-immunohistochemistry-elisa/28640>