

PPT1 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AW5484-400 □

Specification

PPT1 Antibody - Product Information

Application	WB
Primary Accession	P50897
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	H=34,23 KDa
Isotype	IgG1
Antigen Source	HUMAN

PPT1 Antibody - Additional Information

Gene ID 5538

Other Names

Palmitoyl-protein thioesterase 1, PPT-1, Palmitoyl-protein hydrolase 1, PPT1, PPT

Dilution

WB~1:1000

Target/Specificity

This PPT1 antibody is generated from a mouse immunized with a full-length recombinant protein from human PPT1.

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.

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

PPT1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

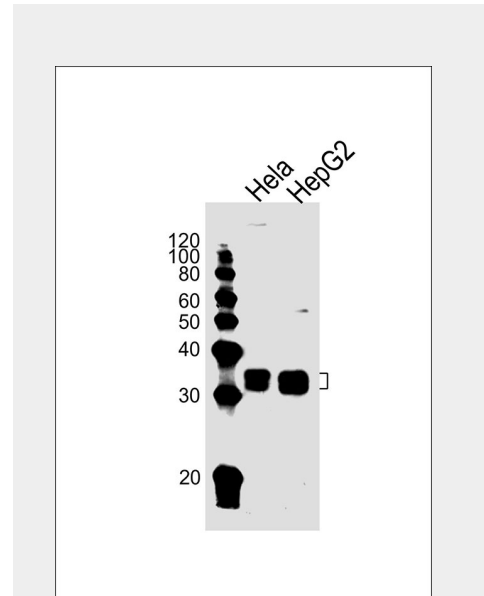
PPT1 Antibody - Protein Information

Name PPT1

Synonyms CLN1 {ECO:0000303 | PubMed:19941651}, PPT

Function

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 (PubMed:<http://www.uniprot.org/citations/8816748> target="_blank">8816748).



All lanes : Anti-PPT1 Antibody (C-term) at 1:1000 dilution Lane 1: Hela whole cell lysates Lane 2: HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

Cellular Location
Lysosome. Secreted {ECO:0000250 | UniProtKB:P45478}

PPT1 Antibody - 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](#)

PPT1 Antibody - Background

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.

PPT1 Antibody - 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). Schriener 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.