

Rabbit PPT1 Polyclonal Antibody | anti-PPT1 antibody

PPT1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286603	Rabbit	Human (Predicted Reactivity: Monkey)	ELISA, Western Blot

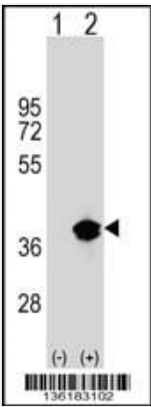
PRODUCT SYNONYMS

PPT1; Polyclonal Antibody; PPT1 Antibody (Center); Palmitoyl-protein thioesterase 1; PPT-1; Palmitoyl-protein hydrolase 1; PPT; anti-PPT1 antibody

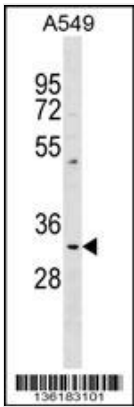
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 189-217 amino acids from the Central region of human PPT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	189-217
Sequence Length	203
Applicable Applications for anti-PPT1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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 PPT1 (arrow) using rabbit polyclonal PPT1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PPT1 gene.



WB (Western Blot)
PPT1 Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the PPT1 antibody detected the PPT1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PPT1 antibody	The protein encoded by this gene is a small glycoprotein involved in the catabolism of lipid-modified proteins during lysosomal degradation. The encoded enzyme removes thioester-linked fatty acyl groups such as palmitate from cysteine residues. Defects in this gene are a cause of infantile neuronal ceroid lipofuscinosis 1 (CLN1, or INCL) and neuronal ceroid lipofuscinosis 4 (CLN4). Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PPT1 antibody	Metabolism; Signal Transduction
References	Ohno, K., et al. Brain Dev. 32(7):524-530(2010) Simonati, A., et al. Pediatr. Neurol. 40(4):271-276(2009) Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009) Kousi, M., et al. Brain 132 (PT 3), 810-819 (2009) : Gregorio, S.P., et al. Psychiatry Res 165 (1-2), 1-9 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506031
NCBI GeneID	5538
NCBI Accession #	NP_000301.1; NP_001136076.1
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://www.aaabiotech.com/polyclonal/ppt1-antibody-western-blot-elisa/286603>