

PPT1 rabbit monoclonal antibody

Catalog # H00005538-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PPT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PPT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PPT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PPT1

Entrez GeneID	5538
GeneBank Accession#	PPT1
Gene Name	PPT1
Gene Alias	CLN1, INCL, PPT
Gene Description	palmitoyl-protein thioesterase 1
Omim ID	256730 600722
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	OTTHUMP00000004836 ceroid-palmitoyl-palmitoyl-protein thioesterase 1 palmitoyl-protein hydrolase 1

Pathway

- [Fatty acid elongation in mitochondria](#)
- [Lysosome](#)
- [Metabolic pathways](#)

Disease

- [Dominance](#)
- [Neuronal Ceroid-Lipofuscinoses](#)
- [Schizophrenia](#)