

DNAxPAb

Hard-to-Find
Antibody

PPT1 DNAxPab

Catalog # H00005538-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPT1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASPGCLWLLAVALLPWTCASRALQHLDPPAPLPLVIWHGMGDSCCNPLSMGAIKKMVEKKIPG MYLSLEIGKTLMEDVENSFFLNVNSQVTTVCQALAKDPKLQQGYNAMGFSQGGQFLRAVAQRCP SPPMINLISVGGQHQQGVFGLPRCPGESSHICDFIRKTLNAGAYSKVVQERLVQAEYWHDPKEDVY RNHSIFLADINQERGINESYKKNLMAKKFVMVKFLNDSIVDPVDSEWFGFYRSGQAKETIPLQETS LYTQDRLGLKEMDNAGQLVFLATEGDHLQLSEEWFYAHIIIFLG
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PPT1

Entrez GeneID	5538
GeneBank Accession#	NM_000310.2
Protein Accession#	NP_000301.1
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](#)