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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PPT1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005538-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human PPT1 protein.

Immunogen: PPT1 (NP_000301.1, 1 a.a. ~ 306 a.a) full-length human protein.

Sequence:
 MASPGCLWLLAVALLPWTCASRALQHLDPPAPLPLVIWHGMGDSCCNP
 LSMGAIKMVEKKIPGIYVLSLEIGKTLMEDVENSFFLVNNSQVTTVCQAL
 AKDPKLQQGYNAMGFSQGGQFLRAVAQRCPSPPMINLISVGGQHGGVF
 GLPRCPGESSHCDFIRKTLNAGAYSKVQERLVQAEYWHDPIKEDVYRN
 HSIFLADINQERGINESYKKNLMALKKFVM/KFLNDSMDPVDSEWFGFYR
 SGQAKETIPLQETSLYTQDRLGLKEMDNAGQLVFLATEGDHLQLSEEW
 FYAHIIIFLG

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

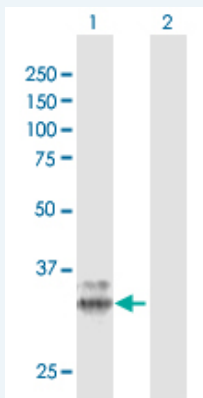
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of PPT1 expression in transfected 293T cell line (H00005538-T02) by PPT1 MaxPab polyclonal antibody.

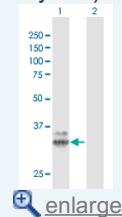
Lane 1: PPT1 transfected lysate(34.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Application Image

Western Blot (Transfected lysate)



[enlarge](#)

Gene Information

Entrez GeneID: [5538](#)

**GeneBank
Accession#:** [NM_000310](#)

**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

Gene Pathway

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

Related Disease

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

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