

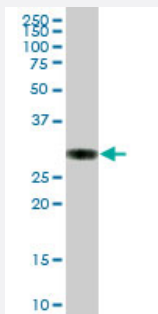
MaxPab®

PPT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005538-B01P

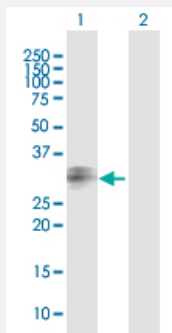
Size 50 ug

Applications



Western Blot (Tissue lysate)

PPT1 MaxPab polyclonal antibody. Western Blot analysis of PPT1 expression in human liver.

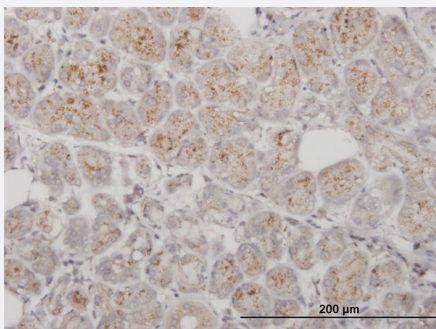


Western Blot (Transfected lysate)

Western Blot analysis of PPT1 expression in transfected 293T cell line ([H00005538-T01](#)) by PPT1 MaxPab polyclonal antibody.

Lane 1: PPT1 transfected lysate(33.66 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to PPT1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]

Specification

Product Description

Mouse 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	MASPGCLWLLAVALLPWTCASRALQHLDPPAPLPLVIWHGMGDSCCNPLSMGAIKKMVEKKIPG IVLSLEIGKTLMEDVENSFFLVNSQVTTVCQALAKDPKLQQGYNAMGFSQGGQFLRAVAQRCP SPPMINLISVGGQHGGVFGVGLPRCPGESSHICDFIRKTLNAGAYSKVVQERLVQAEYWHDPKEDVY RNHSIFLADINQERGINESYKKNLMALKKFVMVKFLNDSIVDPVDSEWFGFYRSGQAKETIPLQETS LYTQDRLGLKEMDNAGQLVFLATEGDHLQLSEEWFYAHIIIPFLG
Host	Mouse
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.

Applications

- Western Blot (Tissue lysate)

PPT1 MaxPab polyclonal antibody. Western Blot analysis of PPT1 expression in human liver.

[Protocol Download](#)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — PPT1

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

Pathway

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

Disease

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