

Anti-PPT Antibody
Rabbit polyclonal antibody to PPT
Catalog # AP60500**Specification**

Anti-PPT Antibody - Product Information

Application	WB, IHC
Primary Accession	P50897
Reactivity	Human, Mouse, Rat, Monkey, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34193

Anti-PPT Antibody - Additional Information**Gene ID** 5538**Other Names**

PPT; Palmitoyl-protein thioesterase 1; PPT-1; Palmitoyl-protein hydrolase 1

Target/Specificity

Recognizes endogenous levels of PPT protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-PPT Antibody - Protein Information**Name** PPT1**Synonyms** CLN1 {ECO:0000303|PubMed:19941651}, PPT**Function**

Has thioesterase activity against fatty acid thioesters with 14 -18 carbons, including palmitoyl-CoA, S-palmitoyl-N- acetylcysteamine, and palmitoylated proteins (PubMed:12855696, PubMed:26731412, PubMed:8816748). In contrast to PPT2, PPT1 can hydrolyze palmitoylated proteins and palmitoylcysteine (PubMed:12855696).

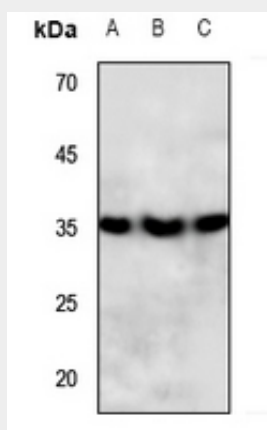
Cellular Location

Lysosome. Secreted Golgi apparatus. Endoplasmic reticulum

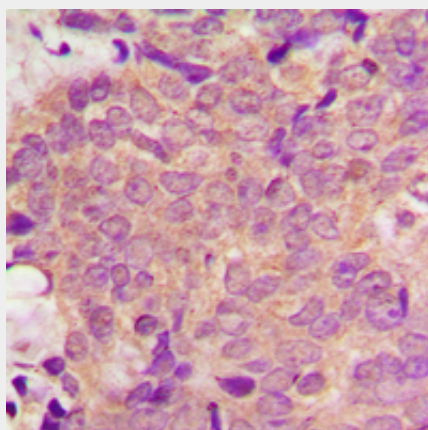
Anti-PPT Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PPT Antibody - Images

Western blot analysis of PPT expression in mouse spleen (A), rat liver (B), rat spleen (C) whole cell lysates.



Immunohistochemical analysis of PPT staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-PPT Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PPT. The exact sequence is proprietary.