

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

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**Anti-PPT Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P50897</a>
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**

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

**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:&lt;a href="http://www.uniprot.org/citations/12855696" target="\_blank"&gt;12855696&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/26731412" target="\_blank"&gt;26731412&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/8816748" target="\_blank"&gt;8816748&lt;/a&gt;). In contrast to PPT2, PPT1 can hydrolyze palmitoylated proteins and palmitoylcysteine (PubMed:&lt;a

<http://www.uniprot.org/citations/12855696>

#### Cellular Location

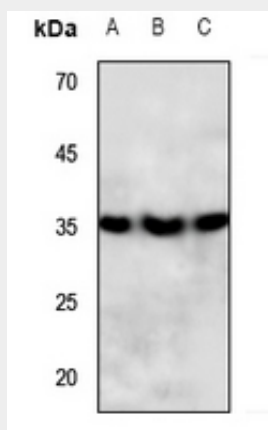
Lysosome. Secreted Golgi apparatus. Endoplasmic reticulum

#### Anti-PPT Antibody - Protocols

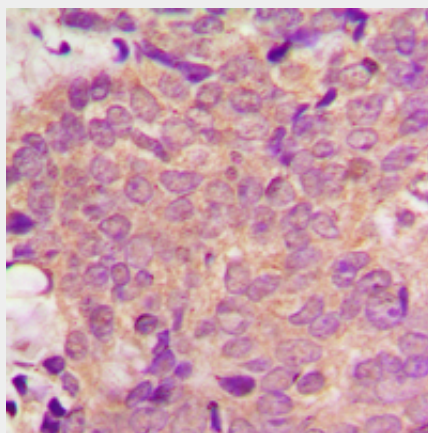
Provided below are standard protocols that you may find useful for product applications.

- [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**

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