

**PPT2 Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI16118****Specification**

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**PPT2 Antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q9UMR5</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa KDa

**PPT2 Antibody - C-terminal region - Additional Information****Gene ID** 9374

Alias Symbol	<b>PPT2,</b>
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**Other Names**  
Lysosomal thioesterase PPT2, PPT-2, 3.1.2.-, S-thioesterase G14, PPT2**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 µl of distilled water. Final Anti-PPT2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

PPT2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**PPT2 Antibody - C-terminal region - Protein Information****Name** PPT2 ([HGNC:9326](#))**Function**

Catalyzes the cleavage of thioester bonds from S-palmitoyl- CoA or S-palmitoyl-N-acetylcysteamine (unbranched structures) but does not have activity against palmitoylcysteine or palmitoylated proteins, branched structures or bulky head groups. Conversely, hydrolyzes both long and short chain fatty acyl-CoA substrate.

**Cellular Location**

Lysosome.

**Tissue Location**

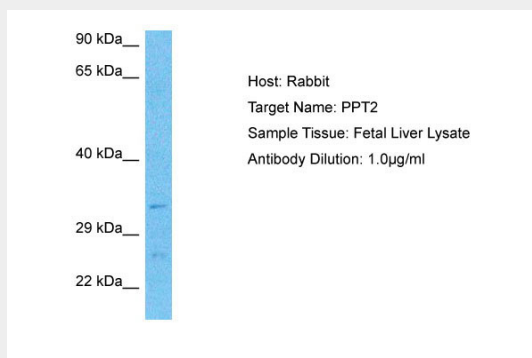
Broadly expressed, with highest levels in skeletal muscle.

## PPT2 Antibody - C-terminal region - 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](#)

## PPT2 Antibody - C-terminal region - Images



Host: Rabbit  
Target Name: PPT2  
Sample Tissue: Fetal Liver lysates  
Antibody Dilution: 1.0µg/ml

## PPT2 Antibody - C-terminal region - Background

Removes thioester-linked fatty acyl groups from various substrates including S-palmitoyl-CoA. Has the highest S- thioesterase activity for the acyl groups palmitic and myristic acid followed by other short- and long-chain acyl substrates. However, because of structural constraints, is unable to remove palmitate from peptides or proteins.

## PPT2 Antibody - C-terminal region - References

Soyombo A.A.,et al.J. Biol. Chem. 272:27456-27463(1997).  
Aguado B.,et al.Biochem. J. 341:679-689(1999).  
Wiemann S.,et al.Genome Res. 11:422-435(2001).  
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.  
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