

**Product Name: PPT1 Mouse Monoclonal Antibody****Catalog #: AMM85956**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:500,FC 1:25-1:50
<b>Molecular Weight</b>	34.2kDa

**Antigen Information**

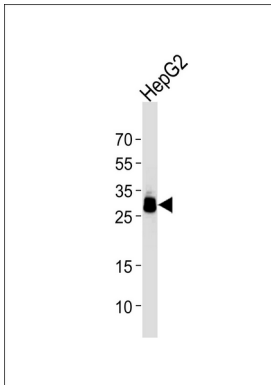
<b>Gene Name</b>	PPT1
<b>Alternative Names</b>	Palmitoyl-protein thioesterase 1, PPT-1, Palmitoyl-protein hydrolase 1, PPT1, PPT
<b>Gene ID</b>	5538.0
<b>SwissProt ID</b>	P50897
<b>Immunogen</b>	This PPT1 antibody is generated from a mouse immunized with a full-length recombinant protein from human PPT1.

**Background**

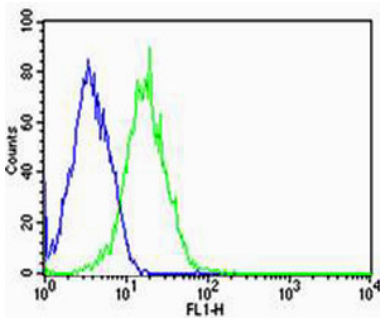
Removes thioester-linked fatty acyl groups such as palmitate from modified cysteine residues in proteins or peptides during lysosomal degradation. Prefers acyl chain lengths of 14 to 18 carbons.

## Research Area

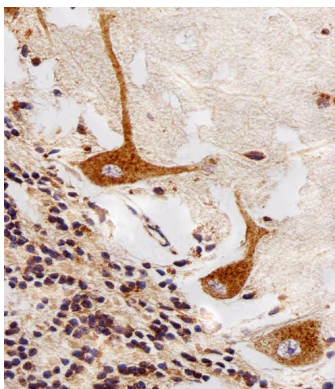
## Image Data



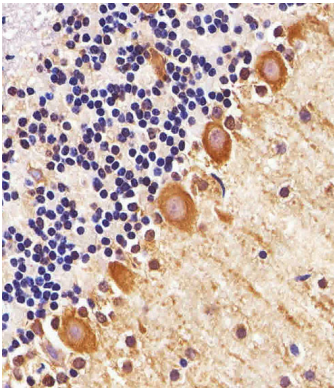
Western blot analysis of lysate from HepG2 cell line using PPT1 Antibody (C-term). PPT1 Mouse Monoclonal Antibody was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysate at 35µg per lane.



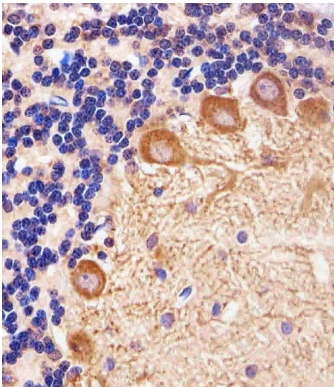
Flow cytometric analysis of HepG2 cells using PPT1 Antibody (C-term)(green, Cat#AMM85956) compared to an isotype control of mouse IgG1(blue). AMM85956 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded H. cerebellum section using PPT1 Antibody (C-term)(Cat#AMM85956). PPT1 Antibody (C-term) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded M. cerebellum section using PPT1 Antibody (C-term)(Cat#AMM85956). AMM85956 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded R. cerebellum section using PPT1 Antibody (C-term)(Cat#AMM85956). AMM85956 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.