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Anti-PPT Antibody

Rabbit polyclonal antibody to PPT Catalog # AP60500

Product Information

Application WB, IHC **Primary Accession** P50897

Reactivity Human, Mouse, Rat, Monkey, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 34193

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

(1/100 - 1/200)

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

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

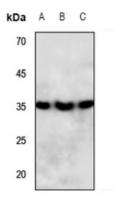
palmitoylcysteine (PubMed: 12855696).

Cellular Location Lysosome. Secreted Golgi apparatus. Endoplasmic reticulum

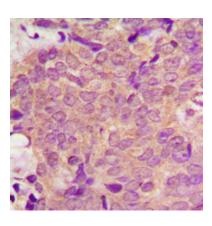
Background

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.