

Product datasheet

Anti-PPT1 antibody ab38417

1 References [画像数 2](#)

製品の概要

製品名	Anti-PPT1 antibody
製品の詳細	Rabbit polyclonal to PPT1
アプリケーション	適用あり: WB, ELISA, IHC-P
種交差性	交差種: Human
免疫原	KLH-conjugated synthetic peptide (10-30 aa in length) at the C-term of last 50 aa of human PPT1.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.09% Sodium Azide Constituents: PBS
精製度	Protein G purified
特記事項 (精製)	This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab38417** in the following tested applications.

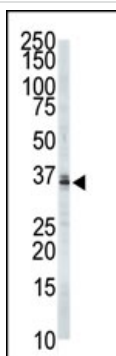
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/100 - 1/500. Predicted molecular weight: 34 kDa.
ELISA		1/1000.
IHC-P		1/50 - 1/100.

ターゲット情報

機能	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.
関連疾患	Defects in PPT1 are the cause of neuronal ceroid lipofuscinosis type 1 (CLN1) [MIM:256730]. A form of neuronal ceroid lipofuscinosis with variable age at onset. Infantile, late-infantile, juvenile, and adult onset have been reported. Neuronal ceroid lipofuscinoses are progressive neurodegenerative, lysosomal storage diseases characterized by intracellular accumulation of autofluorescent liposomal material, and clinically by seizures, dementia, visual loss, and/or cerebral atrophy. The lipopigment pattern seen most often in CLN1 is referred to as granular osmiophilic deposits (GROD).
配列類似性	Belongs to the palmitoyl-protein thioesterase family.
細胞内局在	Lysosome.

画像

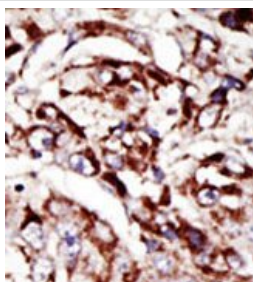


Western blot - PPT1 antibody (ab38417)

Anti-PPT1 antibody (ab38417) at 1/100 dilution + 293 cell lysate.

Predicted band size : 34 kDa

Observed band size : 34 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - PPT1 antibody (ab38417)

Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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