

Allgemeine Informationen

Katalog-Nr.: 29653-1-AP	GenBank-Zugangsnummer: BC008426	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 5538	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:200-1:800 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: palmitoyl-protein thioesterase 1	
Isotyp: IgG	Berechnete Masse: 34 kDa	
Immunogen Katalognummer: AG31240	Beobachtete Masse: 32-34 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HEK-293-Zellen, HeLa-Zellen, Maushodengewebe, Rattenhodengewebe, SH-SY5Y-Zellen

IHC : humanes Nierengewebe,

IF : Maushodengewebe,

Hintergrundinformationen

The defective gene behind the INCL (infantile neuronal ceroid lipofuscinoses) disease, CLN1, encodes for palmitoyl protein thioesterase 1 (PPT1). It consists of 306 amino acids, including a signal sequence of 26 amino acids and three N-linked glycosylation sites. This protein exists with a molecular mass of 32 kDa, 34 kDa, 36 kDa, and 38 kDa. The enzyme is transported into lysosomes of non-neuronal cells by the mannose 6-phosphate receptor (M6PR) mediated pathway and a significant amount of native PPT1 resides in a complex rather than in a monomeric form (PMID:17565660).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

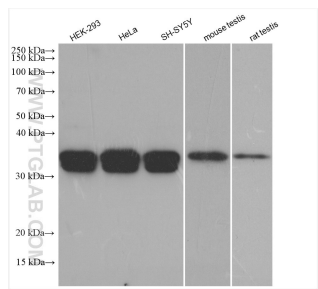
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

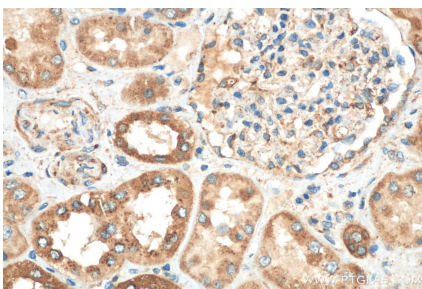
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

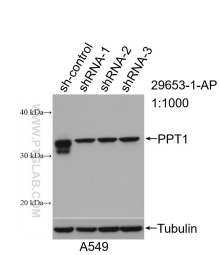
Ausgewählte Validierungsdaten



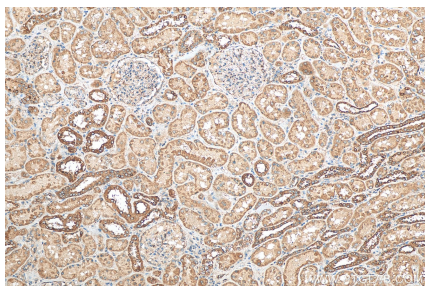
Various lysates were subjected to SDS PAGE followed by western blot with 29653-1-AP (PPT1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



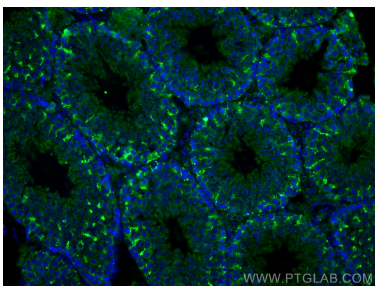
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 29653-1-AP (PPT1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of PPT1 antibody (29653-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PPT1 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 29653-1-AP (PPT1 antibody) at dilution of 1:400 (under 10x lens). Heat-mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using PPT1 antibody (29653-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).