

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PPT1



Numéro de catalogue: 29653-1-AP

Phare

1 Publications

Informations de base

Numéro de catalogue:

29653-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG31240

Numéro d'acquisition GenBank:

BC008426

Identification du gène (NCBI):

5538

Nom complet:

palmitoyl-protein thioesterase 1

MW calculé

34 kDa

MW observés:

32-34 kda

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IHC 1:200-1:800

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

souris

Contrôles positifs:

WB : cellules HEK-293, cellules A549, cellules HeLa, cellules SH-SY5Y, tissu testiculaire de rat, tissu testiculaire de souris

IHC : tissu rénal humain,

IF : tissu testiculaire de souris,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Informations générales

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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Dongming Lv	37480849	Cell Rep Med	WB, IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

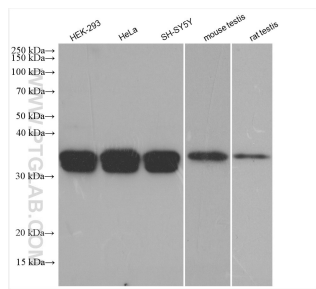
For technical support and original validation data for this product please contact:

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

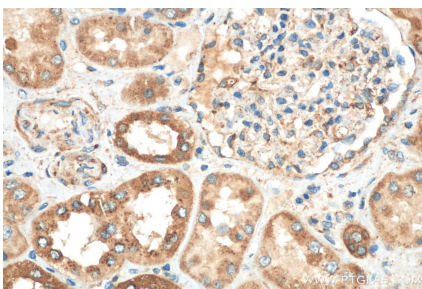
E: proteintech@ptglab.com
W: ptglab.com

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

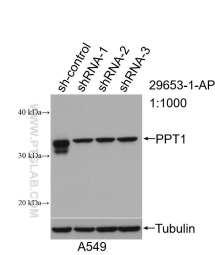
Données de validation sélectionnées



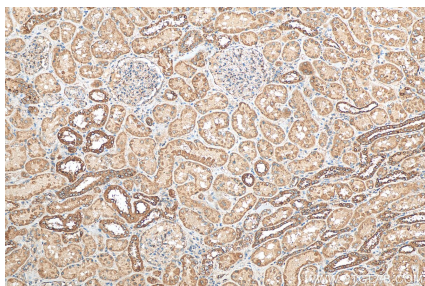
Various lysates were subjected to SDS PAGE followed by western blot with 29653-1-AP (PPT1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



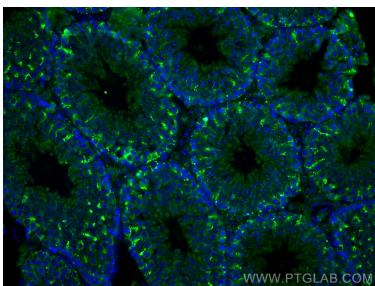
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 29653-1-AP (PPT1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



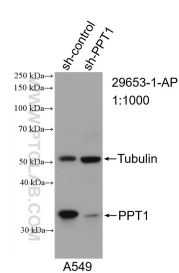
WB result of PPT1 antibody (29653-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PPT1 transfected A549 cells.



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).



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.