

À des fins de recherche uniquement

Anticorps Monoclonal anti-TPPII

Numéro de catalogue: 66017-1-Ig

Phare

2 Publications



Informations de base

Numéro de catalogue: 66017-1-Ig	Numéro d'acquisition GenBank: BC039905	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7174	CloneNo.: 5H6F11
Hôte: Mouse	Nom complet: tripeptidyl peptidase II	Dilutions recommandées: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG2b	MW calculé: 1249 aa, 138 kDa	
Immunogen Catalog Number: AG5296	MW observés: 135 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

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

Contrôles positifs:

WB : cellules HeLa, Jurkat

IHC : tissu testiculaire humain, tissu testiculaire de souris

IF : cellules HeLa, cellules MCF-7

Informations générales

TPPII (Tripeptidyl-peptidase 2) is an evolutionary conserved serine peptidase of the subtilisin family that removes tripeptides from the free NH₂ terminus of oligopeptides. The 138-kDa TPP2 polypeptide forms large oligomeric complexes of >1,000 kDa that are detected in the cytoplasm of all cell types. In addition, a membrane associated TPP 2 isoform is present in most cells (PMID:15735022).

Publications notables

Autrice	Pubmed ID	Journal	Application
Jens Dinter	25230751	J Immunol	WB
Xinyuan Lei	35794100	Nat Commun	WB

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.

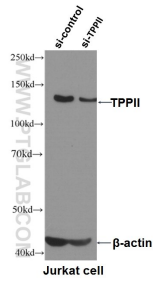
For technical support and original validation data for this product please contact:

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

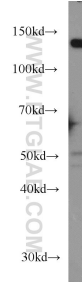
E: proteintech@ptglab.com
W: ptglab.com

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

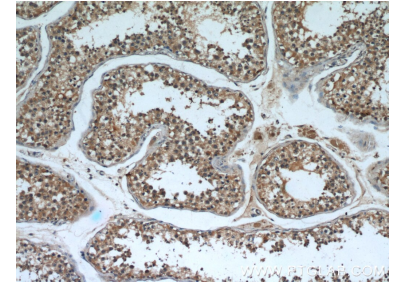
Données de validation sélectionnées



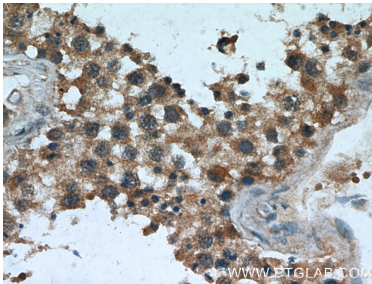
WB result of TPPII antibody (66017-1-Ig, 1:4000) with si-control and si-TPPII transfected Jurkat cells.



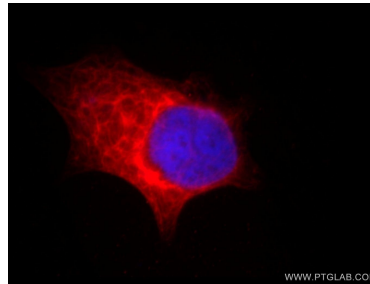
HeLa cells were subjected to SDS PAGE followed by western blot with 66017-1-Ig (TPPII antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



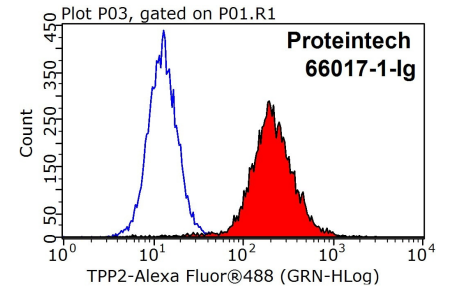
Immunohistochemical analysis of paraffin-embedded human testis using 66017-1-Ig (TPPII antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 66017-1-Ig (TPPII antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using TPP2 antibody 66017-1-Ig at 1:25 dilution and Rhodamine-labeled goat anti-mouse IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



1X10⁶ HeLa cells were stained with 0.2ug TPPII antibody (66017-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.