

Allgemeine Informationen

Katalog-Nr.: 66017-1-Ig	GenBank-Zugangsnummer: BC039905	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2000 µg/ml von7174 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: tripeptidyl peptidase II	CloneNo.: 5H6F11
Wirt: Maus	Berechnete Masse: 1249 aa, 138 kDa	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
Isotyp: IgG2b	Beobachtete Masse: 135 kDa	
Immunogen Katalognummer: AG5296		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, Jurkat
In Publikationen genannte Anwendungen: WB	IHC : humanes Hodengewebe, Maushodengewebe
Getestete Reaktivität: Human	IF : HeLa-Zellen, MCF-7-Zellen
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jens Dinter	25230751	J Immunol	WB
Xinyuan Lei	35794100	Nat Commun	WB

Lagerung

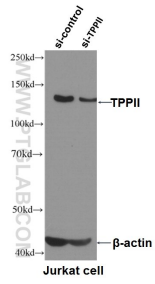
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

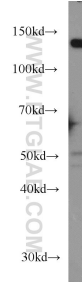
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

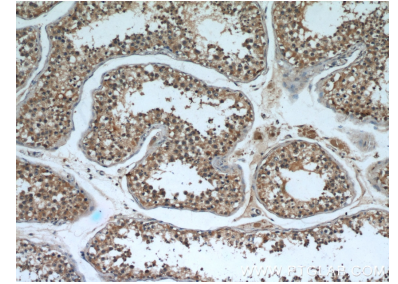
Ausgewählte Validierungsdaten



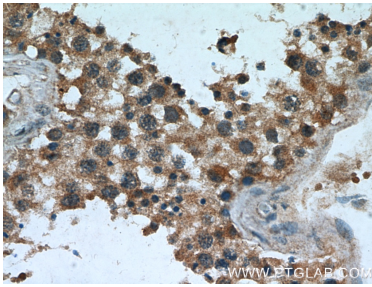
WB result of TPPII antibody (66017-1-Ig, 1:4000) with si-control and si-TPPII transfected Jurkat cells.



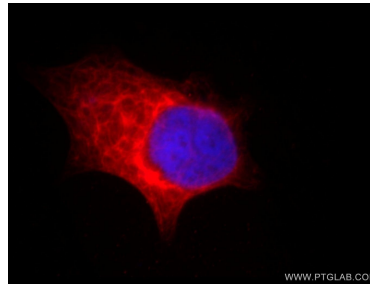
HeLa cells were subjected to SDS PAGE followed by western blot with 66017-1-Ig (TPPII antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



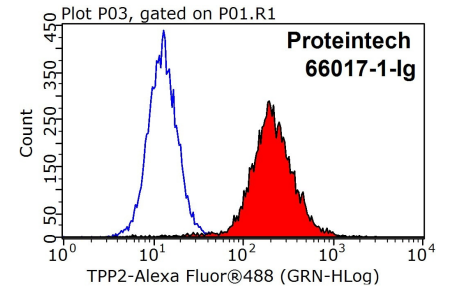
Immunohistochemical analysis of paraffin-embedded human testis using 66017-1-Ig (TPPII antibody) at dilution of 1:50 (under 10x lens).



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.