

Allgemeine Informationen

Katalog-Nr.:
24594-1-AP

Größe:

150ul, Konzentration: 1000 µg/ml von 9652

Nanodrop und 480 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG18442

GenBank-Zugangsnummer:

BC056893

GeneID (NCBI):

9652

Vollständiger Name:

tetratricopeptide repeat domain 37

Berechnete Masse:

1564 aa, 175 kDa

Beobachtete Masse:

140-150 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IP 0.5-4.0 µg für IP und 1:200-1:1000

für WB

IHC 1:20-1:200

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB: HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Maushodengewebe, MCF-7-Zellen

IP: Maushodengewebe,

IHC: humanes Nierengewebe, humanes Tonsillitisgewebe

IF: HepG2-Zellen,

Hintergrundinformationen

TTC37 (tetratricopeptide repeat protein 37), also named as Thespin, encodes 1,564 amino acid protein that contains twenty tetratricopeptide (TPR) repeats. TPR repeat-containing motifs are found in a variety of proteins and may mediate protein-protein interactions and chaperone activity. Although not expressed in liver, TTC37 is a widely expressed protein with highest levels of expression in vascular tissues, lymph node, pituitary, lung and intestine. TTC37 is a component of the SKI complex which is thought to be involved in exosome-mediated RNA decay and associates with transcriptionally active genes in a manner dependent on PAF1 complex (PAF1C). Defects in TTC37 are associated with Trico-Hepato-Enteric (THE) syndrome.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kun Yang	35040435	J Clin Invest	WB
Masakazu Kohda	26741492	PLoS Genet	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

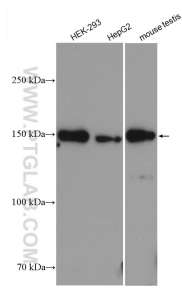
For technical support and original validation data for this product please contact:

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

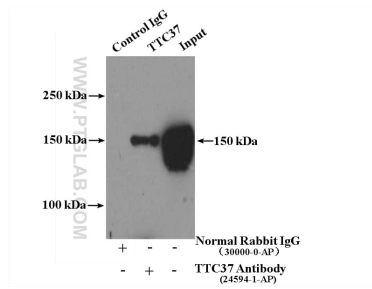
E: proteintech@ptglab.com
 W: ptglab.com

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

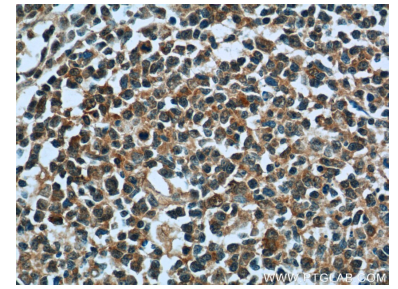
Ausgewählte Validierungsdaten



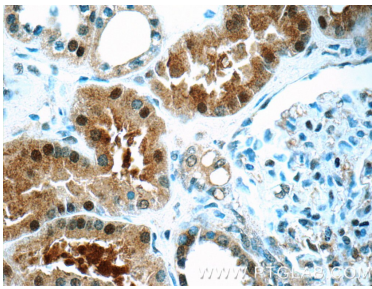
Various lysates were subjected to SDS PAGE followed by western blot with 24594-1-AP (TTC37 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



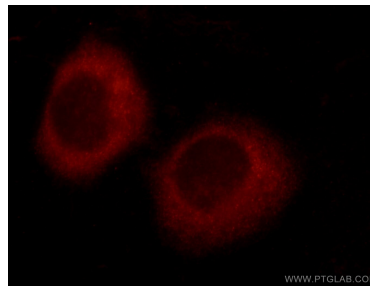
IP Result of anti-TTC37 (IP:24594-1-AP, 4ug; Detection:24594-1-AP 1:300) with mouse testis tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24594-1-AP (TTC37 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24594-1-AP (TTC37 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 24594-1-AP (TTC37 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.