

For Research Use Only

TNS4 Polyclonal antibody

Catalog Number: 11580-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 11580-1-AP	GenBank Accession Number: BC018706	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 84951	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: tensin 4	
Isotype: IgG	Calculated MW: 715 aa, 77 kDa	
Immunogen Catalog Number: AG2169	Observed MW: 77 kDa	

Applications

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

Cited Applications:
Cell treatment, ColP, IF, IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HepG2 cells, human placenta tissue, PC-12 cells, NIH/3T3 cells, RAW 264.7 cells

IHC: human liver cancer tissue,

IF: A549 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xiumin Qi	32534709	Pathol Res Pract	WB
Elizabeth M Boazak	33634081	Front Bioeng Biotechnol	IF
Xinyuan Zhao	38164166	Int J Biol Sci	Cell treatment, IHC, WB, ColP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

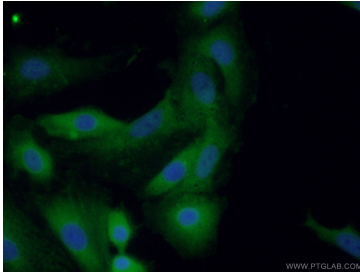
For technical support and original validation data for this product please contact:

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

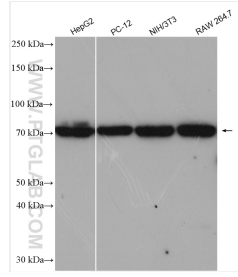
E: proteintech@ptglab.com
W: ptglab.com

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

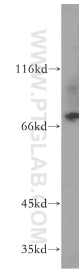
Selected Validation Data



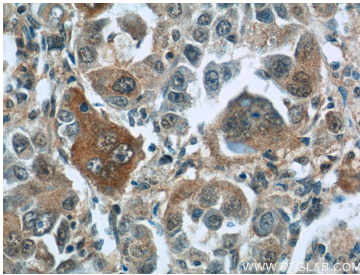
Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 11580-1-AP (TNS4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



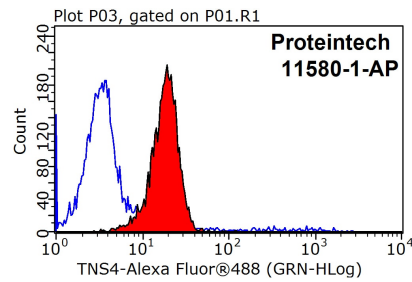
Various lysates were subjected to SDS PAGE followed by western blot with 11580-1-AP (TNS4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



human placenta tissue were subjected to SDS PAGE followed by western blot with 11580-1-AP (TNS4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11580-1-AP (TNS4 Antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ HepG2 cells were stained with 0.2ug TNS4 antibody (11580-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.