

For Research Use Only

TSN Polyclonal antibody

Catalog Number: 55426-1-AP



Basic Information

Catalog Number:

55426-1-AP

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004622

GeneID (NCBI):

7247

UNIPROT ID:

Q15631

Full Name:

translin

Calculated MW:

26 kDa

Observed MW:

26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Species Specificity:

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 : Jurkat cells, HeLa cells, MCF-7 cells

IP : MCF-7 cells,

IHC : mouse testis tissue, mouse brain tissue

Background Information

TSN, also named as Translin or Component 3 of promoter of RISC, is a 228 amino acid protein, which belongs to the translin family. TSN as a DNA-binding protein that specifically recognizes consensus sequences at the breakpoint junctions in chromosomal translations, mostly is involved in immunoglobulin T-cell receptor gene segments. TSN May act as an activator of RNA-induced silencing complex (RISC) by facilitating endonucleolytic cleavage of the siRNA passenger strand.

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

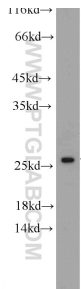
For technical support and original validation data for this product please contact:

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

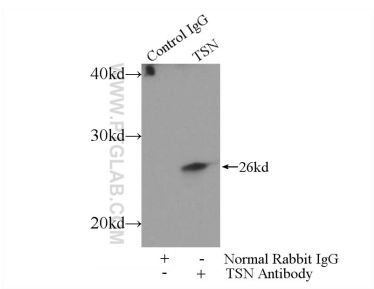
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 55426-1-AP (TSN Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-TSN (IP:55426-1-AP, 3ug; Detection:55426-1-AP 1:300) with MCF-7 cells lysate 1600ug.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 55426-1-AP (TSN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 55426-1-AP (TSN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).