

For Research Use Only

# TSN Polyclonal antibody

Catalog Number: 55426-1-AP



## Basic Information

<b>Catalog Number:</b> 55426-1-AP	<b>GenBank Accession Number:</b> NM_004622	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7247	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> translin	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 26 kDa	
	<b>Observed MW:</b> 26 kDa	

## Applications

### Tested Applications:

IHC, IP, WB, 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 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 translocations, 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

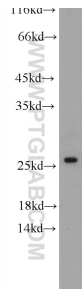
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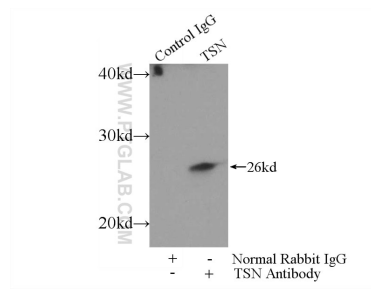
E: proteintech@ptglab.com  
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## Selected Validation Data



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).