

TSN Polyclonal antibody

Catalog Number: 55426-1-AP

Basic Information

Catalog Number:

55426-1-AP

Size:

1000 µg/ml

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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

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 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:

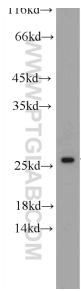
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

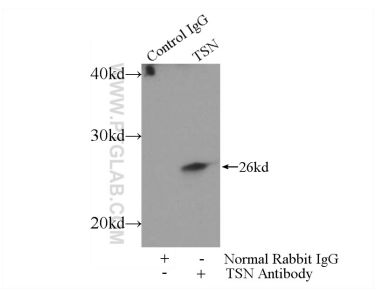
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).