

A18590

Leader in Biomolecular Solutions for Life Science



## TSN Rabbit pAb

Catalog No.: A18590

### Basic Information

#### Observed MW

26kDa

#### Calculated MW

26kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IHC-P,IF/ICC,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### Background

This gene encodes a DNA-binding protein which specifically recognizes conserved target sequences at the breakpoint junction of chromosomal translocations. Translin polypeptides form a multimeric structure that is responsible for its DNA-binding activity. Recombination-associated motifs and translin-binding sites are present at recombination hotspots and may serve as indicators of breakpoints in genes which are fused by translocations. These binding activities may play a crucial role in chromosomal translocation in lymphoid neoplasms. This protein encoded by this gene, when complexed with translin-associated protein X, also forms a Mg ion-dependent endoribonuclease that promotes RNA-induced silencing complex (RISC) activation. Alternative splicing results in multiple transcript variants.

### Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

7247

#### Swiss Prot

Q15631

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

C3PO; RCHF1; TBRBP; TRSLN; BCLF-1; REHF-1; TSN

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

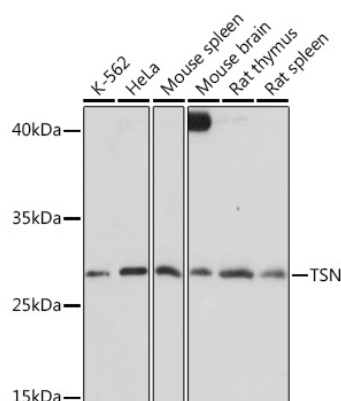
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

### Contact

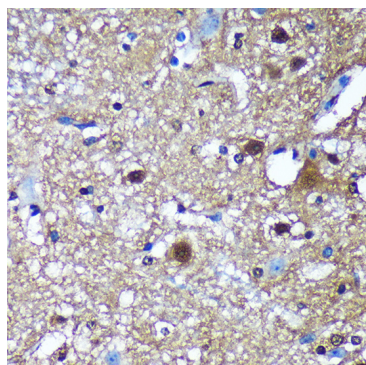


[www.abclonal.com](http://www.abclonal.com)

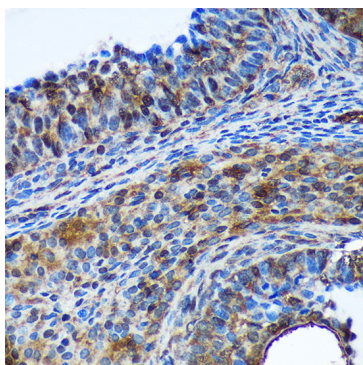
## Validation Data



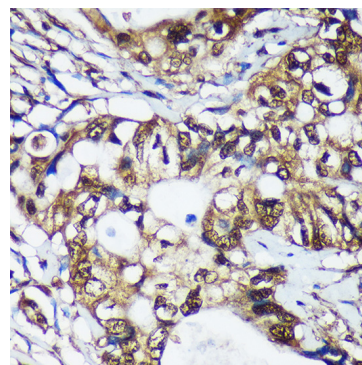
Western blot analysis of various lysates using TSN Rabbit pAb (A18590) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Mouse spinal cord using TSN Rabbit pAb (A18590) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat ovary using TSN Rabbit pAb (A18590) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using TSN Rabbit pAb (A18590) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.