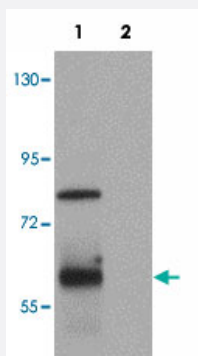


# TSN polyclonal antibody

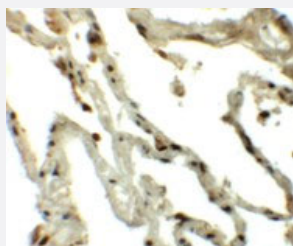
Catalog # PAB19396      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of TSN in rat lung tissue lysate with TSN polyclonal antibody (Cat # PAB19396) at (1) 0.5 and (2) 1 ug/mL.



### Immunohistochemistry

Immunohistochemical staining of human lung cells with TSN polyclonal antibody (Cat # PAB19396) at 5 ug/mL.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of TSN.
<b>Immunogen</b>	A synthetic peptide corresponding to 20 amino acids near C-terminus of human TSN.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	At least two isoforms of TSN are known to exist; this antibody will detect both.
<b>Form</b>	Liquid

Purification	Peptide affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (0.5-1 ug/mL) Immunohistochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of TSN in rat lung tissue lysate with TSN polyclonal antibody (Cat # PAB19396) at (1) 0.5 and (2) 1 ug/mL.

- Immunohistochemistry

Immunohistochemical staining of human lung cells with TSN polyclonal antibody (Cat # PAB19396) at 5 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — TSN

Entrez GeneID	<a href="#">7247</a>
Protein Accession#	<a href="#">NP_004613</a>
Gene Name	TSN
Gene Alias	BCLF-1, REHF-1, TRSLN
Gene Description	translin
Omim ID	<a href="#">600575</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

recombination hotspot associated factor|recombination hotspot-binding protein