

Rabbit TSN Polyclonal Antibody | anti-TSN antibody

TSN Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290131	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Hamster)	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

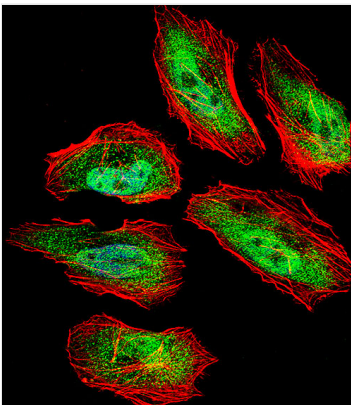
TSN; Polyclonal Antibody; TSN Antibody (Center); Translin; 31--; Component 3 of promoter of RISC; C3PO; anti-TSN antibody

PRODUCT SPECIFICATIONS

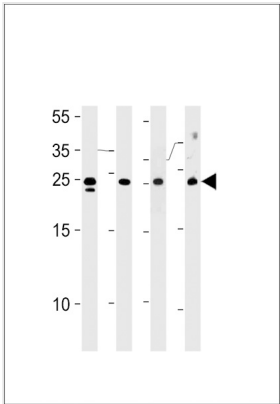
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Hamster)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TSN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the Central region of human TSN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	109-138
Sequence Length	148
Applicable Applications for anti-TSN antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
TSN Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TSN Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



IF (Immunofluorescence)
Fluorescent confocal image of HeLa cell stained with TSN Antibody(Center). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with TSN primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min).TSN immunoreactivity is localized to Nucleus and Cytoplasm significantly.



WB (Western Blot)
TSN Antibody (Center) western blot analysis in HL-60,Jurkat,K562 cell line mouse spleen tissue lysates (35ug/lane).This demonstrates the TSN antibody detected the TSN protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TSN antibody	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.
Product Categories/Family for anti-TSN antibody	Crown Antibodies
References	Chiaruttini, C., et al. Proc. Natl. Acad. Sci. U.S.A. 106(38):16481-16486(2009) Lasky-Su, J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1345-1354 (2008) : Sengupta, K., et al. Biochemistry 45(3):861-870(2006) Kaluzhny, D., et al. J. Biomol. Struct. Dyn. 23(3):257-265(2005) Gupta, G.D., et al. FEBS Lett. 579(14):3141-3146(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	386869380
NCBI GeneID	7247
NCBI Accession #	NP_001248330.1; NP_004613.1
NCBI GenBank Nucleotide #	NM_001261401.1
UniProt Accession #	Q15631; Q5U0K7; B7Z3X8
Molecular Weight	26183
NCBI Official Full Name	translin isoform 2
NCBI Official Synonym Full Names	translin
NCBI Official Symbol	TSN
NCBI Official Synonym Symbols	C3PO; RCHF1; TBRBP; TRSLN; BCLF-1; REHF-1
NCBI Protein Information	translin
UniProt Protein Name	Translin
UniProt Gene Name	TSN
UniProt Synonym Gene Names	C3PO
UniProt Entry Name	TSN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tsn-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/290131>