

Rabbit TSN Polyclonal Antibody | anti-TSN antibody

TSN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323989	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TSN; Polyclonal Antibody; TSN Antibody; BCLF 1; BCLF1; Component 3 of promoter of RISC; RCHF1; recombination hotspot associated factor; recombination hotspot binding protein; reh1; REHF1; TBRBP; Translin; TRSLN; TSN_HUMAN; anti-TSN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TSN antibody detects endogenous levels of total TSN
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	148
Applicable Applications for anti-TSN antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (82%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using TSN antibody.



IF (Immunofluorescence)

AAA323989 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA323989 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TSN antibody	Function: DNA-binding protein that specifically recognizes consensus sequences at the breakpoint junctions in chromosomal translocations, mostly involving immunoglobulin (Ig)/T-cell receptor gene segments. Seems to recognize single-stranded DNA ends generated by staggered breaks occurring at recombination hot spots. Subunit Structure: Ring-shaped heterooctamer of six TSN and two TSNAX subunits, DNA/RNA binding occurs inside the ring. Similarity: Belongs to the translin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386869380
NCBI GeneID	7247
NCBI Accession #	NP_001248330.1
NCBI GenBank Nucleotide #	NM_001261401.1
UniProt Accession #	Q15631; Q5U0K7; B7Z3X8
Molecular Weight	Observed: 26 kD Predicted: 27 kDa
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

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.

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