

Datasheet for ABIN656310
anti-Translin antibody (AA 109-138)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	Translin (TSN)
Binding Specificity:	AA 109-138
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Translin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	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.
Clone:	RB31284
Isotype:	Ig Fraction
Predicted Reactivity:	B, Ha
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Translin (TSN)
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Target Details

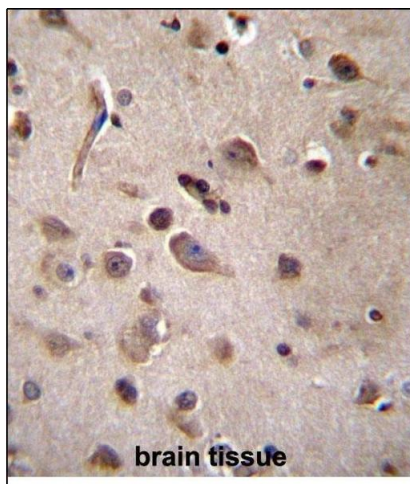
Alternative Name:	TSN (TSN Products)
Background:	This gene encodes a DNA-binding protein which specifically recognizes conserved target sequences at the breakpoint junction of chromosomal translocations. Translin polypeptides form a multimeric structure that is responsible for its DNA-binding activity. 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.
Molecular Weight:	26183
Gene ID:	7247
NCBI Accession:	NP_001248330 , NP_004613
UniProt:	Q15631

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

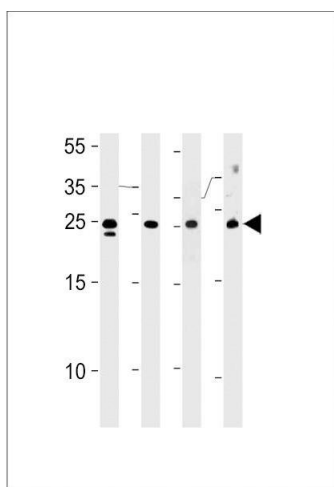
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	TSN Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



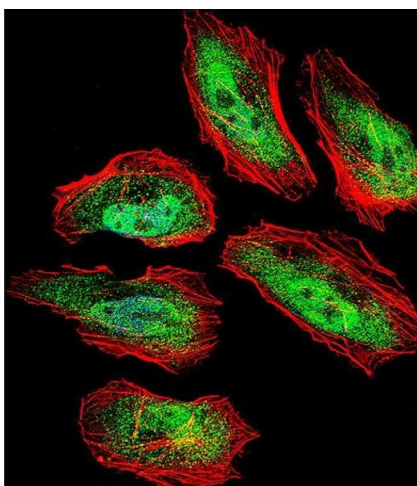
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. TSN Antibody (Center) (ABIN656310 and ABIN2845612) 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.



Western Blotting

Image 2. TSN Antibody (Center) (ABIN656310 and ABIN2845612) western blot analysis in HL-60, Jurkat, K562 cell line mouse spleen tissue lysates (35 µg/lane). This demonstrates the TSN antibody detected the TSN protein (arrow).



Immunofluorescence

Image 3. Fluorescent confocal image of HeLa cell stained with TSN Antibody (Center) (ABIN656310 and ABIN2845612). 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 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). TSN immunoreactivity is localized to Nucleus and Cytoplasm significantly.