

Datasheet for ABIN2789513

anti-Translin antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Translin (TSN)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Translin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	LVTREAVTEI LGIEPDREKG FHLDVEDYLS GVLILASELS RLSVNSVTAG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against TSN. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Translin (TSN)
Alternative Name:	TSN (TSN Products)
Background:	This gene encodes a DNA-binding protein which specifically recognizes conserved target

Target Details

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.

Alias Symbols: BCLF-1, RCHF1, REHF-1, TBRBP, TRSLN

Protein Interaction Partner: UBC, WDR12, NSUN2, TSNAX, TBCD, SHMT1, PPP3CA, PFDN1, NRD1, ETF1, ATP6V1C1, SETSIP, FAM129B, P3H1, ELAC2, SNX6, MYC, GIT2, TSN, EIF4A3, MAGOH, UBA6, VPS29, UCHL3, TTC4, ZBTB18, PPP1R15A, HCVgp1,

Protein Size: 228

Molecular Weight: 25 kDa

Gene ID: 7247

NCBI Accession: [NM_004622](#), [NP_004613](#)

UniProt: [Q15631](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 228 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

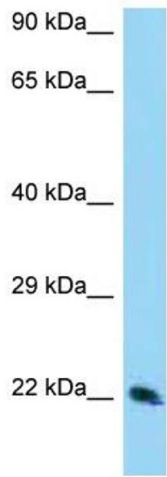
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TSN Antibody Titration: 1.0 ug/ml Positive Control: 293T Whole Cell There is BioGPS gene expression data showing that TSN is expressed in HEK293T