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Datasheet for ABIN955319

## anti-Translin antibody (Middle Region)

### 2 Images

#### Overview

Quantity:	0.4 mL
Target:	Translin (TSN)
Binding Specificity:	AA 116-146, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Translin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	KLH conjugated synthetic peptide between 116-146 amino acids from the Central region of human TSN
Isotype:	Ig Fraction
Specificity:	This antibody detects Translin (TSN).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

#### Target Details

Target:	Translin (TSN)
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## Target Details

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Abstract: [TSN Products](#)

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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.

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Gene ID: 7247

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NCBI Accession: [NP\\_004613](#)

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## Application Details

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

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 0.25 mg/mL

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Buffer: PBS with 0.09 % (W/V) sodium azide

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Preservative: Sodium azide

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

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Handling Advice: Avoid repeated freezing and thawing.

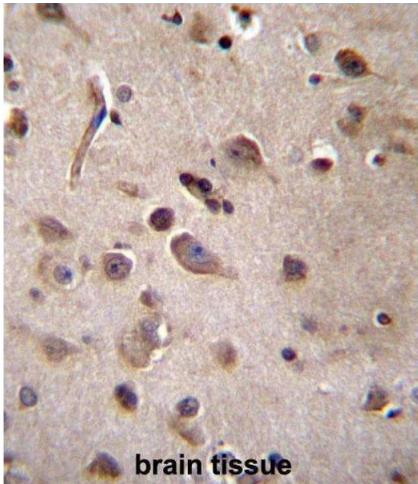
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Storage: 4 °C/-20 °C

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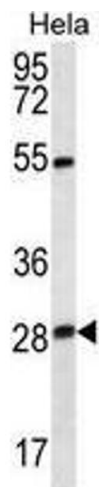
Storage Comment: Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.

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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** 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.



### Western Blotting

**Image 2.** TSN Antibody (Center) western blot analysis in HeLa cell line lysates (35 µg/lane). This demonstrates the TSN antibody detected the TSN protein (arrow).