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Datasheet for ABIN6991538
anti-Translin antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	Translin (TSN)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Translin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Translin antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminus of human Translin. The immunogen is located within the last 50 amino acids of Translin.
Isotype:	IgG
Specificity:	At least two isoforms of Translin are known to exist, this antibody will detect both.
Purification:	Translin Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Translin (TSN)
Alternative Name:	Translin (TSN Products)

Target Details

Background: Translin Antibody: Translin is 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. Recent evidence suggests that in combination with a binding partner Trax, Translin binds RNA and mediates trafficking in neurons.

Gene ID: 7247

NCBI Accession: [NP_004613](#)

UniProt: [Q15631](#)

Application Details

Application Notes: Translin antibody can be used for detection of Translin by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Translin Antibody is supplied in PBS containing 0.02 % 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

Storage Comment: Translin antibody can be stored at 4 °C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged

high temperatures.