

Anti-Translin TSN Antibody

Catalog Number: A02777-1

About TSN

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.

Overview

Product Name	Anti-Translin TSN Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Translin TSN Antibody (Catalog # A02777-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal Clone: SK7
Formulation	Translin Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Translin antibody can be stored at 4 °C, stable for one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q15631

Technical 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.
Predicted Reactive Species	Bovine, Chicken
Cross Reactivity	At least two isoforms of Translin are known to exist; this antibody will detect both.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Translin Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

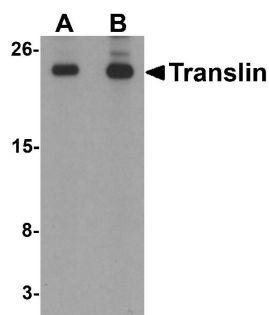
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

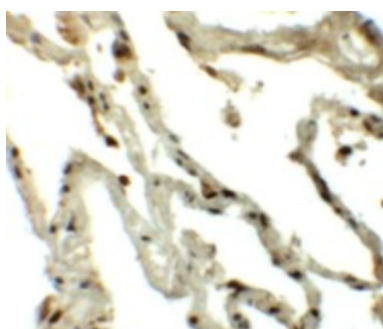
Translin antibody can be used for detection of Translin by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in rat samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

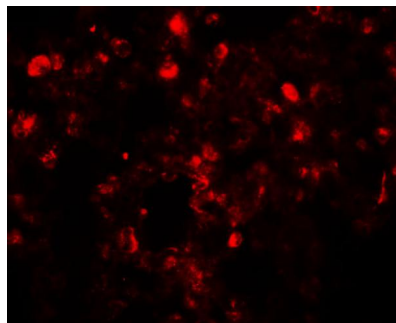
Anti-Translin TSN Antibody (A02777-1) Images



Western blot analysis of Translin in rat lung tissue lysate with Translin antibody at (A) 0.5 and (B) 1 ug/mL



Immunohistochemistry of Translin in human lung tissue with Translin antibody at 5 ug/mL.



Immunofluorescence of Translin in human lung tissue with Translin antibody at 20 ug/mL.

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