

Datasheet for ABIN783484
anti-Translin antibody (C-Term)[Go to Product page](#)

3 Images

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), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	20 amino acid peptide near the carboxy terminus of human Translin
Specificity:	This antibody detects Translin (TSN) at C-term. At least two isoforms of Translin are known to exist, this antibody will detect both.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse, Rat.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Translin (TSN)
Abstract:	TSN Products

Target Details

Background: 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: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS, 0.02 % Sodium Azide

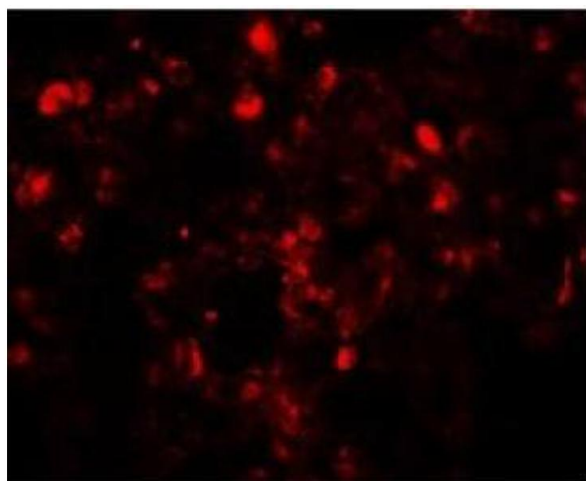
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

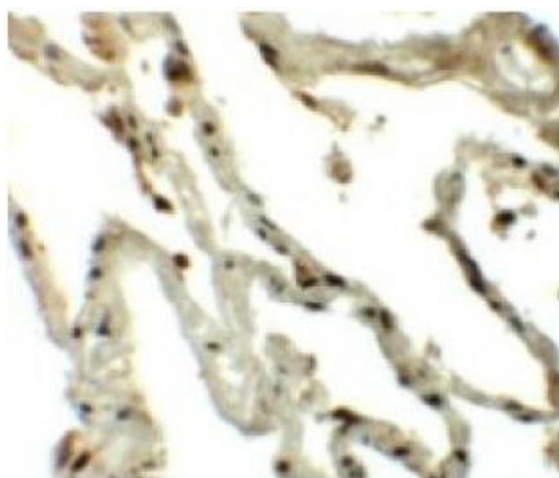
Storage: 4 °C/-20 °C

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



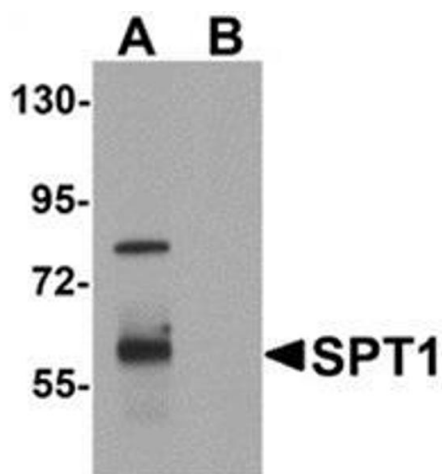
Immunofluorescence

Image 1. Immunofluorescence of Translin in human lung tissue with Translin antibody at 20 µg/ml.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of Translin in Human lung tissue with Translin antibody at 5 µg/ml.



Western Blotting

Image 3. Western blot analysis of Translin in Rat lung tissue lysate with Translin antibody at (A) 0.5 and (B) 1 µg/ml.