

TSN Polyclonal Antibody

Catalog NumberPA5-21150

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	A 20 amino acid peptide near the carboxy terminus of human Translin.	Immunohistochemistry (IHC)	5 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	0.5-1 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	4° C		

Product specific information

A suggested positive control is rat lung tissue lysate. PA5-21150 can be used with blocking peptide PEP-1264.

Background/Target Information

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.

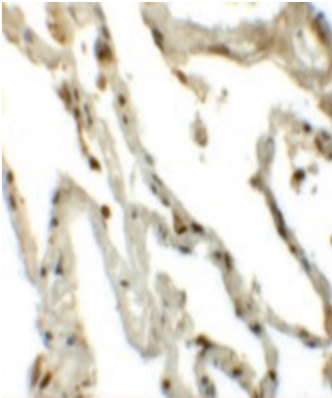
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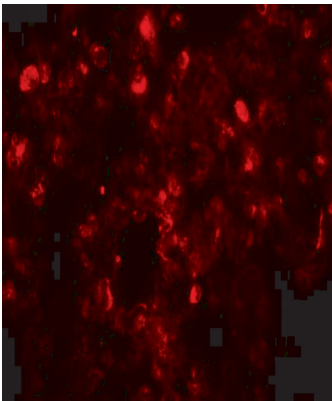
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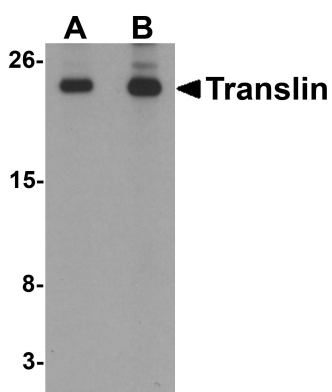
Product Images For TSN Polyclonal Antibody



TSN Antibody (PA5-21150) in IHC
Immunohistochemistry of Translin in human lung tissue with TSN Polyclonal Antibody (Product # PA5-21150) at 5 µg/mL.



TSN Antibody (PA5-21150) in IHC
Immunofluorescence of Translin in human lung tissue with TSN Polyclonal Antibody (Product # PA5-21150) at 20 µg/mL.



TSN Antibody (PA5-21150) in WB
Western Blot analysis of Translin in rat lung tissue lysate with TSN Polyclonal Antibody (Product # PA5-21150) at (A) 0.5 and (B) 1 µg/mL

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