

## SCNN1D Polyclonal Antibody

Catalog Number **PA5-30864**

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	<b>Tested Applications</b> <b>Dilution *</b> <b>Western Blot (WB)</b> 1:500-1:3,000	
Class	Polyclonal		
Type	Antibody	* 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.	
Immunogen	Recombinant fragment corresponding to a region within amino acids 109 and 442 of Human SCNN1D		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

### Product specific information

Recommended positive controls: NT2D1, IMR32, U87-MG, MCF-7. Predicted reactivity: Chimpanzee (98%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

### Background/Target Information

SNX6 interacts with members of the transforming growth factor-beta family of receptor serine-threonine kinases. These receptors belong to two classes: type II receptors that bind ligand, and type I receptors that are subsequently recruited to transduce the signal. Of the type II receptors, SNX6 was found to interact strongly with ActRIIB and more moderately with wild type and kinase-defective mutants of TbetaRII. Of the type I receptors, SNX6 was found to interact only with inactivated TbetaRI. SNXs 1-4 also interacted with the transforming growth factor-beta receptor family, showing different receptor preferences. Conversely, SNX6 behaved similarly to the other SNX proteins in its interactions with receptor tyrosine kinases. Strong heteromeric interactions were also seen among SNX1, -2, -4, and -6, suggesting the formation in vivo of oligomeric complexes. These findings are the first evidence for the association of the SNX family of molecules with receptor serine-threonine kinases.

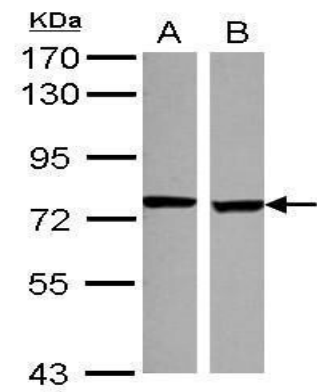
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Product Images For SCNN1D Polyclonal Antibody



**SCNN1D Antibody (PA5-30864) in WB**  
Western Blot using SCNN1D Polyclonal Antibody (Product # PA5-30864). Sample (30 µg of whole cell lysate). Lane A: NT2D1. Lane B: U87-MG . 7.5% SDS PAGE. SCNN1D Polyclonal Antibody (Product # PA5-30864) diluted at 1: 1,000.

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