

For Research Use Only

# TRK/TRKA Polyclonal antibody, PBS Only

Catalog Number: 34231-1-PBS



## Basic Information

<b>Catalog Number:</b> 34231-1-PBS	<b>GenBank Accession Number:</b> NM_002529.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4914	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P04629	
<b>Isotype:</b> IgG	<b>Full Name:</b> neurotrophic tyrosine kinase, receptor, type 1	
<b>Immunogen Catalog Number:</b> EG5850	<b>Calculated MW:</b> 87 kDa	
	<b>Observed MW:</b> 140 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

NTRK1 (Neurotrophic tyrosine kinase receptor 1) is located on chromosome 1q23.1 and is responsible for a rare genetic disorder, CIPA (congenital insensitivity to pain with anhidrosis) (PMID: 37907480). As a neurotrophin receptor, NTRK1 is abundantly expressed in human neuronal tissues and plays an integral role in the development and function of the human nervous system (PMID: 27843590). NTRK1 also regulates the survival and proliferation of cholinergic neurons (PMID: 20054812).

## Storage

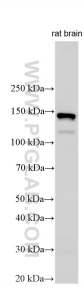
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34231-1-AP (TRK/TRKA antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 34231-1-PBS in a different storage buffer formulation.