

For Research Use Only

# TrkA Monoclonal antibody, PBS Only

Catalog Number: 60548-1-PBS



## Basic Information

Catalog Number: 60548-1-PBS	GenBank Accession Number: NM_001007792	Purification Method: Protein G purification
Concentration: 1 mg/ml	GeneID (NCBI): 4914	CloneNo.: 3B11C7
Source: Mouse	UNIPROT ID: P04629	
Isotype: IgG1	Full Name: neurotrophic tyrosine kinase, receptor, type 1	
Immunogen Catalog Number: AG27985	Calculated MW: 88 kDa	
	Observed MW: 140 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
human

## 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.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

For technical support and original validation data for this product please contact:

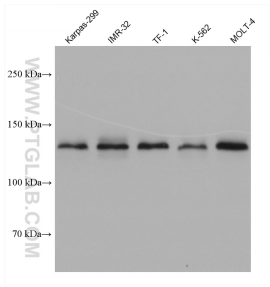
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

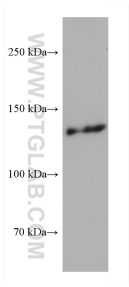
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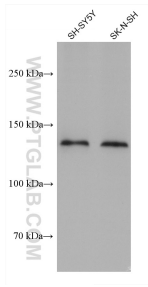
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60548-1-Ig (NTRK1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60548-1-PBS in a different storage buffer formulation.



NK-92 cells were subjected to SDS PAGE followed by western blot with 60548-1-Ig (NTRK1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60548-1-PBS in a different storage buffer formulation.



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