

For Research Use Only

# Mouse TrkB Recombinant antibody, PBS Only

Catalog Number: 85971-3-PBS



## Basic Information

Catalog Number: 85971-3-PBS	GenBank Accession Number: NM_001025074.3	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 18212	CloneNo.: 250617A8
Source: Rabbit	UNIPROT ID: P15209-1	
Isotype: IgG	Full Name: neurotrophic tyrosine kinase, receptor, type 2	
Immunogen Catalog Number: EG3000	Calculated MW: 92 kDa	
	Observed MW: 90-95 kDa, 140-145 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
mouse, rat

## Background Information

Tropomyosin-related kinase B (TrkB) is a member of the neurotrophic tyrosine receptor kinase (NTRK) family. It is a single-pass type 1 membrane protein consisting of three domains: an extracellular ligand binding domain, a transmembrane domain and an intracellular tyrosine kinase domain. TrkB is primarily expressed in the central and peripheral nervous systems. TrkB plays an important role in neural development and maintenance through regulating neuronal differentiation, proliferation, survival, migration, neurogenesis, and plasticity.

## 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, pH7.3

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

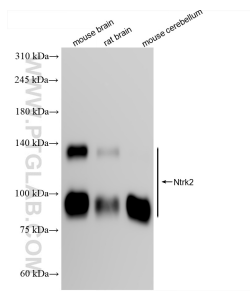
T: 4006900926

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

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85971-3-RR (TrkB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85971-3-PBS in a different storage buffer formulation.