

For Research Use Only

TrkB Recombinant antibody

Catalog Number: 85971-3-RR



Basic Information

Catalog Number:	85971-3-RR	GenBank Accession Number:	NM_001025074.3	Purification Method:	Protein A purification
Concentration:		GeneID (NCBI):	18212	CloneNo.:	250617A8
Source:	Rabbit	UNIPROT ID:	P15209-1	Recommended Dilutions:	WB: 1:5000-1:50000
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, ELISA	Positive Controls:	WB : mouse brain tissue,
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

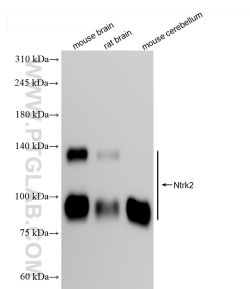
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Selected Validation Data



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.