

For Research Use Only

TRK/TRKA Polyclonal antibody

Catalog Number: 34231-1-AP



Basic Information

Catalog Number: 34231-1-AP	GenBank Accession Number: NM_002529.3	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 4914	Recommended Dilutions: WB: 1:500-1:3000
Isotype: IgG	UNIPROT ID: P04629	
Immunogen Catalog Number: EG5850	Full Name: neurotrophic tyrosine kinase, receptor, type 1	
	Calculated MW: 87 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat brain tissue,
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 -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:

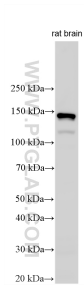
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.