

For Research Use Only

TRK/TRKA Polyclonal antibody, PBS Only

Catalog Number: 34231-1-PBS



Basic Information

Catalog Number:

34231-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5850

GenBank Accession Number:

NM_002529.3

GeneID (NCBI):

4914

UNIPROT ID:

P04629

Full Name:

neurotrophic tyrosine kinase, receptor, type 1

Calculated MW:

87 kDa

Observed MW:

140 kDa

Purification Method:

Antigen affinity Purification

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.

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:

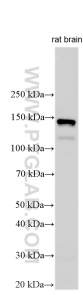
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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. This data was developed using the same antibody clone with 34231-1-PBS in a different storage buffer formulation.