

For Research Use Only

TrkC Polyclonal antibody

Catalog Number: 11999-1-AP

4 Publications



Basic Information

Catalog Number:

11999-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2635

GenBank Accession Number:

BC013693

GeneID (NCBI):

4916

UNIPROT ID:

Q16288

Full Name:

neurotrophic tyrosine kinase, receptor, type 3

Calculated MW:

839 aa, 94 kDa

Observed MW:

94 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:200-1:1000

IHC: 1:50-1:500

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: fetal human brain tissue, rat brain tissue, mouse brain tissue

IHC: human brain tissue,

IF/ICC: A549 cells,

Background Information

TrkC (Tropomyosin Receptor Kinase C), also known as NTRK3 (Neurotrophic Tyrosine Kinase Receptor Type 3), belongs to the Trk family of receptor tyrosine kinases, which also includes TrkA and TrkB. These receptors are primarily involved in the development and function of the nervous system.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoju Xu	33089105	iScience	WB
Ke Wu	31651375	Stem Cell Res Ther	WB
Chengyi Fu	33732700	Front Cell Dev Biol	WB

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

*** 20ul sizes contain 0.1% BSA

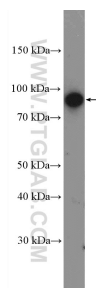
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

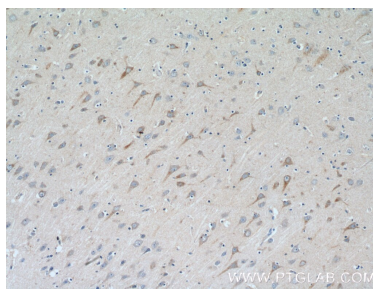
E: proteintech@ptglab.com
W: ptglab.com

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

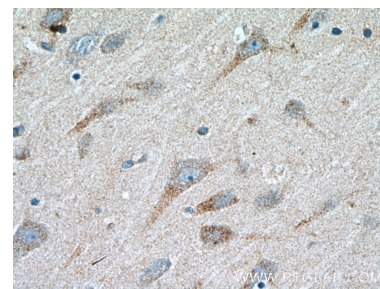
Selected Validation Data



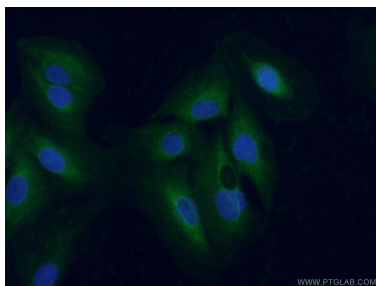
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 11999-1-AP (TrkC antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 11999-1-AP (TrkC antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 11999-1-AP (TrkC antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 11999-1-AP (TrkC antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).