

TrkB Rabbit mAb

Catalog No.: A21227

Recombinant

5 Publications

Basic Information

Observed MW

90kDa/140kDa

Calculated MW

92kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC53483

Background

This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:10000 - 1:20000

IHC-P 1:500 - 1:5000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4915

Swiss Prot

Q16620

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

OBHD; TRKB; DEE58; trk-B; EIEE58; GP145-TrkB; TrkB

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

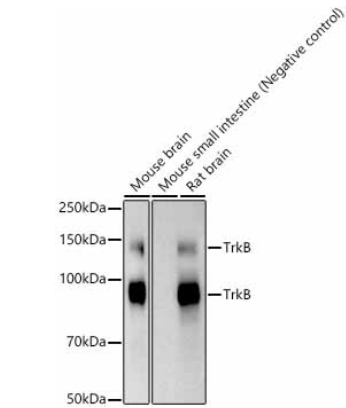
Purification

Affinity purification

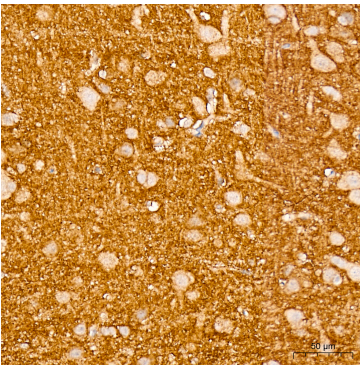
Storage

(-20°C)

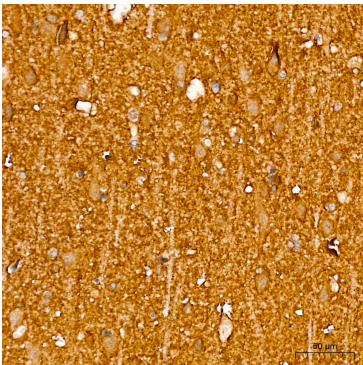
Validation Data



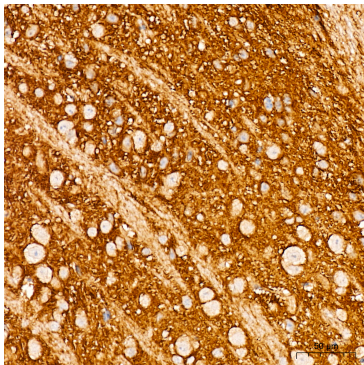
Western blot analysis of various lysates using TrkB Rabbit mAb (A21227) at 1:20000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using TrkB Rabbit mAb (A21227) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human brain tissue using TrkB Rabbit mAb (A21227) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using TrkB Rabbit mAb (A21227) at a dilution of 1:500 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.