

A12011

Leader in Biomolecular Solutions for Life Science



TrkB Rabbit pAb

Catalog No.: A12011

Basic Information

Observed MW

110kDa

Calculated MW

92kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Rat

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 1:500 - 1:2000

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

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

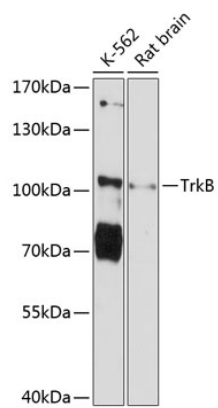
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using TrkB Rabbit pAb (A12011) at 1:3000 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: 30s.