A21232

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TrkB Rabbit mAb

Catalog No.: A21232 Recombinant 1 Publications

Basic Information

Observed MW
90kDa/140kDa

Calculated MW
92kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Mouse,Rat

Clone number
ARC53486

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 - 1:40000
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

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Product Information

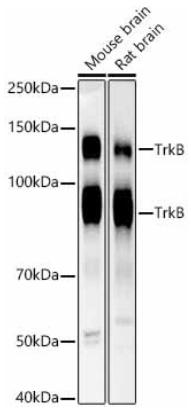
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates, using TrkB Rabbit mAb (A21232) at 1:10000 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.