

Anti-TrkB Rabbit mAb

Catalog No.: A19832 **Recombinant** **3 Publications**

Basic Information

Observed MW

90kDa/140kDa

Calculated MW

92kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC2358

Background

Enables brain-derived neurotrophic factor binding activity and brain-derived neurotrophic factor-activated receptor activity. Involved in several processes, including brain-derived neurotrophic factor receptor signaling pathway; nervous system development; and trans-synaptic signaling, modulating synaptic transmission. Acts upstream of or within several processes, including neurogenesis; neuronal action potential propagation; and positive regulation of peptidyl-serine phosphorylation. Located in several cellular components, including early endosome; postsynaptic density; and postsynaptic membrane. Is expressed in several structures, including alimentary system; cardiovascular system; future brain; genitourinary system; and nervous system. Human ortholog(s) of this gene implicated in Alzheimer's disease; autistic disorder; developmental and epileptic encephalopathy 58; major depressive disorder; and morbid obesity. Orthologous to human NTRK2 (neurotrophic receptor tyrosine kinase 2).

Recommended Dilutions

WB 1:500 - 1:1000

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

Immunogen Information

Gene ID

18212

Swiss Prot

P15209

Immunogen

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

Synonyms

Trkb; trkB; trk-B; GP145-TrkB/GP95-TrkB; Anti-TrkB

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

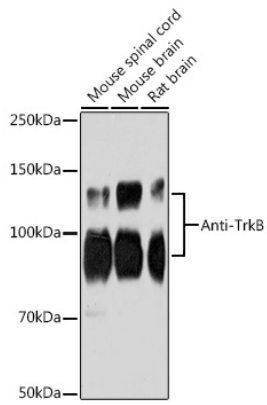
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using Anti-TrkB Rabbit mAb (A19832) at 1:1000 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 Enhanced Kit (RM00021).
Exposure time: 180s.