

TRK B RABBIT MAB

Cat.#: N263029

Product Name: Anti-Trk B Rabbit Monoclonal Antibody

Synonyms: Tkrb; trkB; trk-B; GP145-TrkB/GP95-TrkB

UNIPROT ID: P15209

Background: Receptor tyrosine kinase involved in the development and the maturation of the central and the peripheral nervous systems through regulation of neuron survival, proliferation, migration, differentiation, and synapse formation and plasticity. Receptor for BDNF/brain-derived neurotrophic factor and NTF4/neurotrophin-4. Alternatively can also bind NTF3/neurotrophin-3 which is less efficient in activating the receptor but regulates neuron survival through NTRK2.

Immunogen: Recombinant protein of mouse TrkB

Applications: WB,IHC-P,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-4C7

MW: Calculated MW: 92 kDa; Observed MW: 90-140 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Mouse,Rat

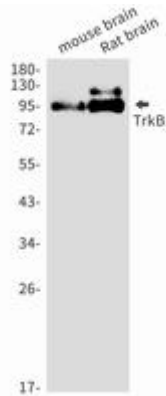
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: NeuroscienceyyyyyTrk

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of TrkB in mouse brain, rat brain lysates using Trk B antibody.