

## 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

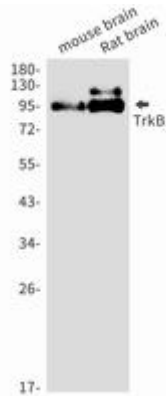
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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.