

Product Datasheet

Trk B Antibody

Catalog No: AY0754

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC, ELISA



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Information

UniProt ID: Q16620

All Names: BDNF/NT-3 growth factors receptor precursor, EC 2.7.10.1, GP145-TrkB, GP145-TrkB/GP95-TrkB, NTRK2, Trk-B, TrkB tyrosine kinase, kinase TrkB

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 92kDa

Application

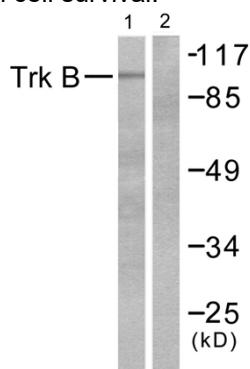
WB: 1:500~3000

IHC: 1:50~100

ELISA: 1:10000

Background

The family of Trk receptor tyrosine kinases consists of TrkA, TrkB, and TrkC. While the sequence of these family members is highly conserved, they are activated by different neurotrophins: TrkA by NGF, TrkB by BDNF or NT4, and TrkC by NT3. Plays a role in learning and memory by regulating both short term synaptic function and long-term potentiation. PLCG1 also leads to NF-Kappa-B activation and the transcription of genes involved in cell survival.



Western blot analysis of extracts from 3T3 cells treated with PBS (60min), using Trk B antibody.

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