

Product Datasheet

Phospho-Trk B (Tyr515) Antibody

Catalog No: CY6541

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC



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Information

UniProt ID: Q16620

All Names: EC 2.7.10.1

Neurotrophic tyrosine kinase receptor type 2

TrkB tyrosine kinase

GP145-TrkB

Trk-B

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.: 145kDa

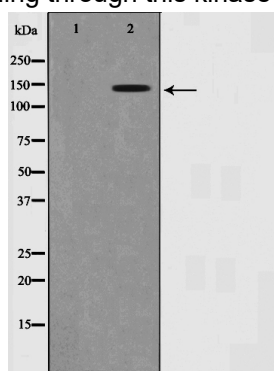
Application

WB 1:500-1:2000

IHC 1:50-1:200

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.



Western blot analysis of Trk B phosphorylation expression in NIH-3T3 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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