

Product Datasheet

Phospho-Trk A (Tyr680+Tyr681) Antibody

Catalog No: CY6540

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P04629

All Names: EC 2.7.10.1, High affinity nerve growth factor receptor precursor, NTRK1, Slow nerve growth factor receptor, TRK, TRK1 transforming tyrosine kinase protein, TRKA, Trk-A, kinase TrkA, p140-TrkA
Molecular weight: 87511.17

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

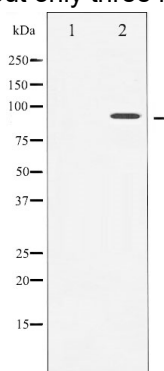
Molecular Wt.: 87kDa

Application

WB 1:500-1:2000

Background

This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.



Western blot analysis of Trk A phosphorylation expression in starved treated Jurkat whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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