

Trk B (phospho Tyr706/Y707) rabbit pAb

Cat No.: ES6431

For research use only

Overview

Product Name Trk B (phospho Tyr706/Y707) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human Trk B around the phosphorylation site of Tyr706 and Tyr707. AA

range:676-725

Specificity Phospho-Trk B (Y706/Y707) Polyclonal Antibody

detects endogenous levels of Trk B protein only

when phosphorylated at Y706/Y707.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name BDNF/NT-3 growth factors receptor

Gene Name NTRK2

Cellular localization Cell membrane ; Single-pass type I membrane

protein . Endosome membrane ; Single-pass type I membrane protein . Early endosome membrane . Cell projection, axon . Cell projection, dendrite . Cytoplasm, perinuclear region . Cell junction,

synapse, postsynap

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 4915 Human Swiss-Prot Number Q16620

Alternative Names NTRK2; TRKB; BDNF/NT-3 growth factors receptor;



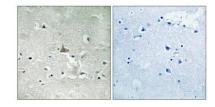
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Background

GP145-TrkB; Trk-B; Neurotrophic tyrosine kinase receptor type 2; TrkB tyrosine kinase; Tropomyosin-related kinase B
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. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014],

Immunohistochemistry analysis of paraffin-embedded human brain, using Trk B (Phospho-Tyr706+Tyr707) Antibody. The picture on the right is blocked with the phospho peptide.



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