

RACO0539

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Homo sapiens (Human)

Isotype:

Rabbit IgG

Applications:

ELISA, WB

Recommended dilutions:

WB:1:500-1:5000

Protein Background:

Receptor tyrosine kinase involved in the development and the maturation of the central and peripheral nervous systems through regulation of proliferation, differentiation and survival of sympathetic and nervous neurons. High affinity receptor for NGF which is its primary ligand . Can also bind and be activated by NTF3/neurotrophin-3. However, NTF3 only supports axonal extension through NTRK1 but has no effect on neuron survival. Upon dimeric NGF ligand-binding, undergoes homodimerization, autophosphorylation and activation.

Gene ID:

NTRK1

Uniprot

P04629

Synonyms:

High affinity nerve growth factor receptor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 1) (TRK1-transforming tyrosine kinase protein) (Tropomyosin-related kinase A) (Tyrosine kinase receptor) (Tyrosine kinase receptor A) (Trk-A) (gp140trk) (p140-TrkA), NTRK1, MTC TRK TRKA

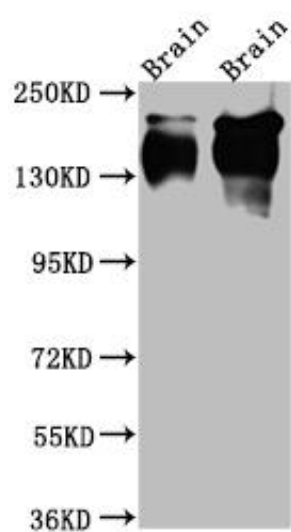
Immunogen:

A synthesized peptide derived from human TrkA.

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western Blot

Positive WB detected in(Rat Brain whole cell lysate) Mouse Brain whole cell lysate) All lanes: TrkA Antibody at 1:1000

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 88, 87, 84, 78 kDa

Observed band size: 145 kDa