

Phospho-NTRK2-Y515

Reactivity: Human Mouse Rat

Tested applications: IF

Recommended Dilution: IF 1:100 - 1:200

Calculated MW: 140kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding Y515 of human NTRK2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TRKB; trk-B; GP145-TrkB;

Catalog #: AP0422

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4915

Isotype: IgG

Swiss Prot: Q16620

Purity: Affinity purification

For research use only.

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. Mutations in this gene have been associated with obesity and mood disorders. Alternate transcriptional splice variants encoding different isoforms have been found for this gene.

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