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Phospho-NTRK1-S791

Reactivity: Human Mouse Rat

Tested applications:WB IF

Recommended Dilution:WB 1:500 - 1:2000 IF 1:100 - 1:200

Calculated MW:140kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S791 of human NTRK1

Storage Buffer:

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

Synonym:

MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA;

Catalog #:AP0272

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:4914

Isotype: IgG

Swiss Prot:P04629

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTKR) 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.

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