

## NTRK3

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**94kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human NTRK3

**Storage Buffer:**

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

**Synonym:**

TRKC; gp145(trkC);

**Catalog #:**A5842

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4916

**Isotype:**IgG

**Swiss Prot:**Q16288

**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 and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for this gene.

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