

## Phospho-NTRK2-Y705

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 140kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding Y705 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 #:** AP0423

**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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