

**Anti-Human/Mouse/Rat Phospho-NTRK3 (Tyr516) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01837**

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3th Edition

**Description:** 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.

**Antigen:** Synthesized peptide derived from human Trk C around the phosphorylation site of Tyr516

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Widely expressed but mainly in nervous tissue. Isoform B is expressed at higher levels in adult brain than in fetal brain.