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35-1294: Polyclonal Antibody to TrkB (Phospho-Tyr515)

Clonality: Polyclonal

Application:

Reactivity: Rat, Mouse, Human

Gene: NTRK2 Gene ID: 4915 **Uniprot ID:** Q16620 Format: **Purified**

BDNF/NT-3 growth factors receptor precursor, GP145-TrkB, GP145-TrkB/GP95-TrkB, NTRK2, **Alternative Name:**

Trk-B

Isotype: Rabbit IgG

Peptide sequence around phosphorylation site of tyrosine 515 (P-Q-Y(p)-F-G) derived from Immunogen Information:

Human TrkB.

Description

Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1.

Product Info

 $50 \mu l / 100 \mu l$ Amount:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 140kd, Immunofluorescence: 1:100~1:200

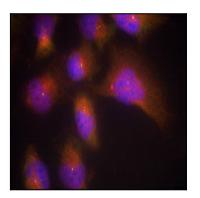


Figure 1: Immunofluorescence staining of methanol-fixed Hela cells using TrkB(Phospho-Tyr515) Antibody 35-1294.