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# EB07390 - Goat Anti-NTRK2 Antibody

Size: 100µg specific antibody in 200µl

## Target Protein

**Principal Names:** NTRK2, neurotrophic tyrosine kinase, receptor, type 2, GP145-TrkB, TRKB, BDNF/NT-3 growth factors receptor, tyrosine kinase receptor B, BDNF receptor
**Official Symbol:** NTRK2
**Accession Number(s):** NP_006171.2; NP_001007098.1; NP_001018074.1; NP_001018075.1; NP_001018076.1
**Human GeneID(s):** 4915
**Important Comments:** This antibody is expected to recognise isoforms a (NP_006171.2), b ((NP_001007098.1), c (NP_001018074.1), d (NP_001018075.1), e ( NP_001018076.1).

## Immunogen

Peptide with sequence C-KTLQEAKSSPDTQ, from the internal region of the protein sequence according to NP_006171.2; NP_001007098.1; NP_001018074.1; NP_001018075.1; NP_001018076.1.

Please note the peptide is available for sale.

## Purification and Storage

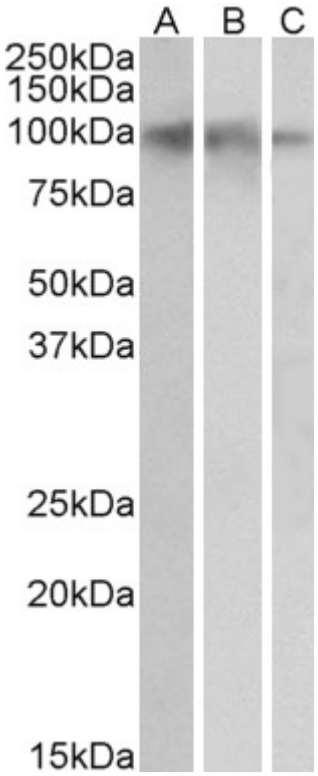
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

## Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.
**Western blot:** Approx 100kDa band observed in Human Brain (Hippocampus, Cerebral Cortex and Cerebellum) lysates (calculated MW of 93.8kDa according to NP_006171.2). Recommended concentration: 0.05-0.2µg/ml.

## Species Reactivity

**Tested:** Human
**Expected from sequence similarity:** Human, Mouse, Rat, Dog




EB07390 (0.05µg/ml) staining of Human Hippocampus (A), Cerebral Cortex (B) and Cerebellum (C) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.