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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

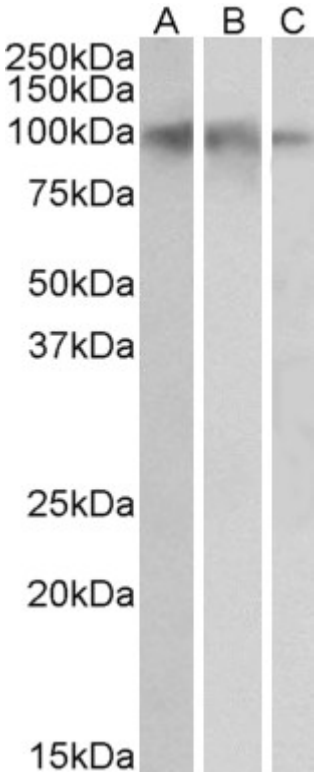
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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.