

## Product datasheet for **TA326730**

### TrkB (NTRK2) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:64000; WB: 0.05-0.2µg/ml
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
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.
Formulation:	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.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	neurotrophic receptor tyrosine kinase 2
Database Link:	<a href="#">NP_006171</a> <a href="#">Entrez Gene 18212 MouseEntrez Gene 25054 RatEntrez Gene 484147 DogEntrez Gene 4915 Human</a> <a href="#">Q16620</a>
Synonyms:	GP145-TrkB; trk-B; TRKB



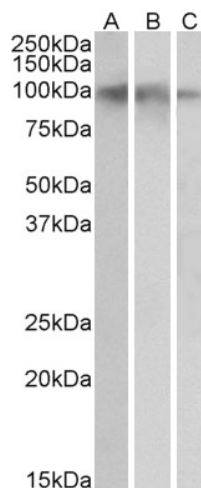
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**Note:** Approx 100kDa band observed in Human Brain (Hippocampus, Cerebral Cortex and Cerebellum) lysates (calculated MW of 93.8kDa according to NP\_006171.2). Recommended concentration: 0.05-0.2 $\mu$ g/ml. This antibody is expected to recognise isoforms a (NP\_006171.2), b ((NP\_001007098.1), c (NP\_001018074.1), d (NP\_001018075.1), e (NP\_001018076.1).

**Protein Families:** Druggable Genome, Protein Kinase, Transmembrane

**Protein Pathways:** MAPK signaling pathway, Neurotrophin signaling pathway

**Product images:**



TA326730 (0.05 $\mu$ g/ml) staining of Human Hippocampus (A), Cerebral Cortex (B) and Cerebellum (C) lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.