

Product datasheet for **AP26046PU-N**

TrkB (NTRK2) (703-707) Rabbit Polyclonal Antibody

Product data:

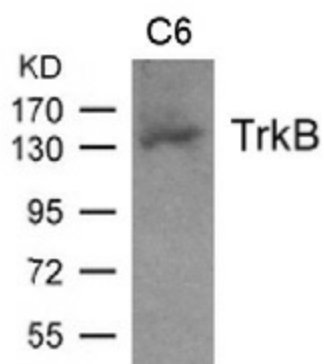
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:500 - 1:1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around aa.703~707 derived from TrkB
Specificity:	This antibody detects endogenous levels of total TrkB protein.
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity-chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Store (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neurotrophic receptor tyrosine kinase 2
Database Link:	Entrez Gene 18212 Mouse Entrez Gene 25054 Rat Entrez Gene 4915 Human Q16620
Background:	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.
Synonyms:	TRKB, NTRK2
Note:	Molecular weight: 145 kDa
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane



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Protein Pathways: MAPK signaling pathway, Neurotrophin signaling pathway

Product images:



Western blot analysis of extract from C6 cell and using TrkB Antibody.