

Product datasheet for **TA311825**

TrkB (NTRK2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 1:50~1:100, ELISA: 1:10000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human Trk B around the phosphorylation site of tyrosine 706 and tyrosine 707 (T-D-YP-YP-R-V).
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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:	NP_006171 Entrez Gene 18212 Mouse Entrez Gene 25054 Rat Entrez Gene 4915 Human Q16620
Synonyms:	GP145-TrkB; trk-B; TRKB
Note:	Trk B (Phospho-Tyr706+Tyr707) antibody detects endogenous levels of Trk B only when phosphorylated at tyrosine 706 and tyrosine 707. The amino acid position may vary depending on the source of reference sequence: position 706 & 707 base on NP_001018074.1, position 722 & 723 base on NP_006171.2

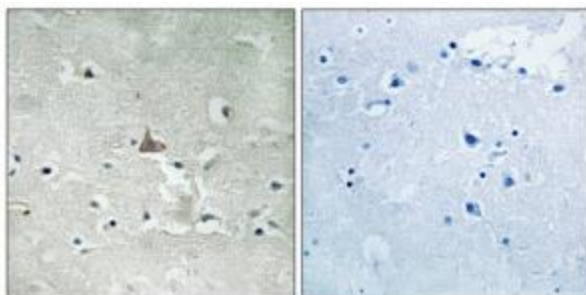


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Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: MAPK signaling pathway, Neurotrophin signaling pathway

Product images:



Immunohistochemistry analysis of paraffin-embedded human brain tissue using Trk B (Phospho-Tyr706+Tyr707) antibody. The picture on the right is treated with the synthesized peptide.