

Product datasheet for **TA333267**

TrkB (NTRK2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF
Recommended Dilution:	IF 1:100-1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y515 of human NTRK2 (NP_001018074.1)
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
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_001007098 Entrez Gene 18212 Mouse Entrez Gene 25054 Rat Entrez Gene 4915 Human Q16620
Background:	This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternate transcriptional splice variants encoding different isoforms have been found for this gene.
Synonyms:	GP145-TrkB; trk-B; TRKB



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Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: MAPK signaling pathway, Neurotrophin signaling pathway