

Product datasheet for **TA890047**

TrkA (NTRK1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human NTRK1
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	1.72mg/ml
Purification:	Purified from the immunized serum by affinity chromatography (Protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	83.8 kDa
Gene Name:	neurotrophic receptor tyrosine kinase 1
Database Link:	NP_001007793 Entrez Gene 18211 MouseEntrez Gene 59109 RatEntrez Gene 4914 Human P04629

Background: This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. [provided by RefSeq, Jul 2008]

Synonyms: MTC; p140-TrkA; TRK; Trk-A; TRK1; TRKA

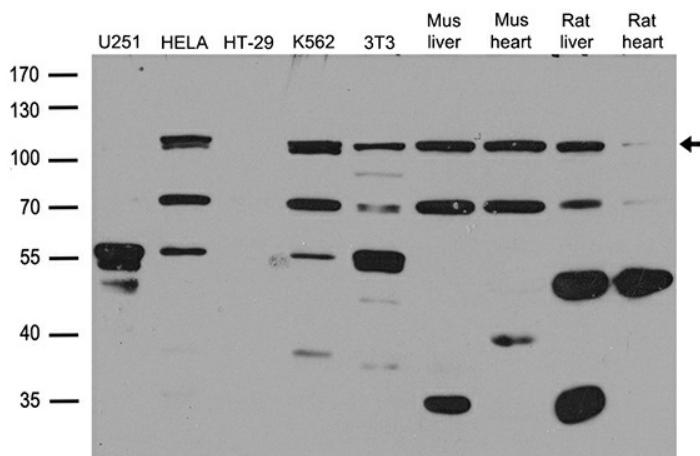


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Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: Apoptosis, Endocytosis, MAPK signaling pathway, Neurotrophin signaling pathway, Pathways in cancer, Thyroid cancer

Product images:



Western blot analysis of extracts (35ug) from different cell lines or tissues by using anti-NTRK1 rabbit polyclonal antibody (TA890047).