

Product datasheet for **TA379372**

TrkA (NTRK1) Rabbit Polyclonal Antibody

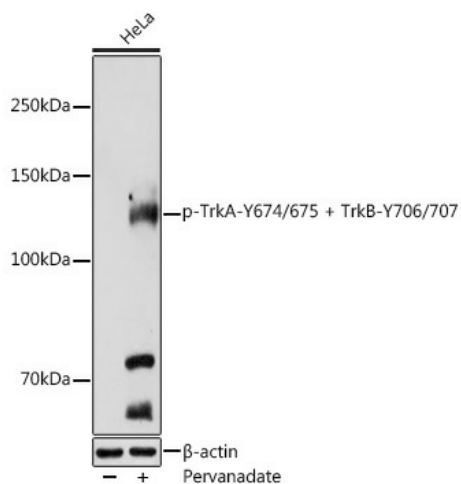
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human
Modifications:	Phospho Y674/675 + Y706/707
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y674 of human TrkA
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	35kDa/53-60kDa/77kDa/83-93kDa
Gene Name:	neurotrophic receptor tyrosine kinase 1
Database Link:	Entrez 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:	DKFZp781114186; MTC; p140-TrkA; TRK; Trk-A; TRK1; TRKA



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Product images:



Western blot analysis of extracts of HeLa cells, using Phospho-TrkA-Y674/675 + TrkB-Y706/707 antibody (TA379372) at 1:500 dilution. HeLa cells were treated by Pervanadate (1 nM) at 37°C for 30 minutes after serum-starvation overnight. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.