

Product datasheet for **AP18228PU-N**

TrkA (NTRK1) Rabbit Polyclonal Antibody

Product data:

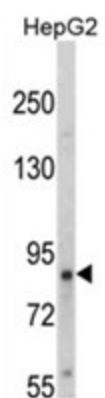
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the Y791 region of human TrkA
Specificity:	This antibody reacts to TrkA pTyr791.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neurotrophic receptor tyrosine kinase 1
Database Link:	Entrez Gene 4914 Human P04629
Background:	TRKA (also known as NTRK1) is 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 the TRKA gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer.
Synonyms:	NTRK1, TRK, Trk-A
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane



[View online »](#)

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

Product images:



Western blot analysis of hTrkA-pY791 in HepG2 cell line lysates (35ug/lane). TRK (arrow) was detected using the purified Pab.