

Rabbit anti-Mouse, Rat TrkA Polyclonal Antibody | anti-NTRK1 antibody

Polyclonal Anti-TrkA antibody

CATALOG # AAA45470	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
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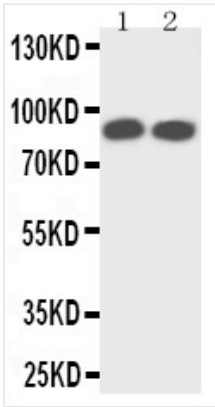
PRODUCT SYNONYMS

TrkA; Polyclonal Antibody; Polyclonal Anti-TrkA antibody; High affinity nerve growth factor receptor; neurotrophic tyrosine kinase; receptor; type 1; CIPA antibody; DKFZp781114186 antibody; gp140trk antibody; High affinity nerve growth factor receptor antibody; High affinity nerve growth factor receptor precursor antibody; MTC antibody; Neurotrophic tyrosine kinase receptor type 1 antibody; Ntrk 1 antibody; Ntrk1 antibody; NTRK1_HUMAN antibody; Oncogene TRK antibody; p140 TrkA antibody; p140-TrkA antibody; TRK 1 antibody; Trk A antibody; TRK antibody; Trk-A antibody; TRK1 antibody; TRK1 transforming tyrosine kinase protein antibody; TRK1-transforming tyrosine kinase protein antibody; Tropomyosin-related kinase A antibody; Tyrosine kinase receptor A antibody; Tyrosine kinase receptor antibody; Tyrosine Receptor Kinase A antibody; anti-NTRK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	799
Applicable Applications for anti-NTRK1 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse TrkA (71-90aa LYVENQQHLQRLEFEDLQGL), different from the related rat sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-TrkA antibody, AAA45470, Western blottingLane 1: Rat Brain Tissue LysateLane 2: Mouse Brain Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-NTRK1 antibody	Description: Rabbit IgG polyclonal antibody for High affinity nerve growth factor receptor(NTRK1) detection. Tested with WB in Mouse, Rat. Background: Neurotrophic tyrosine kinase receptor type 1, also called Trk-A, is a protein that in humans is encoded by the NTRK1 gene. The NTRK1 gene encodes the neurotrophic tyrosine kinase-1 receptor and belongs to a family of nerve growth factor receptors whose ligands include neurotrophins. This gene is mapped to 1q23.1. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126253666
NCBI GeneID	18211
UniProt Accession #	Q3UFB7
NCBI Official Full Name	High affinity nerve growth factor receptor
NCBI Official Synonym Full Names	neurotrophic tyrosine kinase, receptor, type 1
NCBI Official Symbol	Ntrk1
NCBI Official Synonym Symbols	Tkr; trk; TrkA; C80751
NCBI Protein Information	high affinity nerve growth factor receptor
UniProt Protein Name	High affinity nerve growth factor receptor
UniProt Gene Name	Ntrk1
UniProt Entry Name	NTRK1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.