

Rabbit TRKA Polyclonal Antibody | anti-NTRK1 antibody

TRKA Antibody (Center)

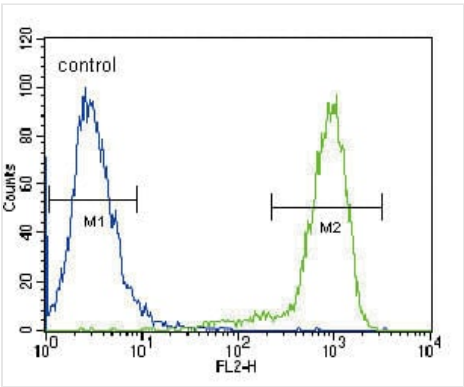
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286758	Rabbit	Human, mouse (Predicted Reactivity: Chicken, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

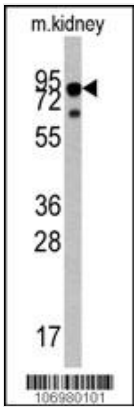
TRKA; Polyclonal Antibody; TRKA Antibody (Center); High affinity nerve growth factor receptor; Neurotrophic tyrosine kinase receptor type 1; TRK1-transforming tyrosine kinase protein; Tropomyosin-related kinase A; Tyrosine kinase receptor; Tyrosine kinase receptor A; Trk-A; gp140trk; p140-TrkA; NTRK1; MTC; TRK; anti-NTRK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TRKA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 654-683 amino acids from the Central region of human TRKA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	654-683
Sequence Length	698
Applicable Applications for anti-NTRK1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
TRKA Antibody (Center) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of anti-TRKA Antibody (Center) Pab in mouse liver tissue lysates (35ug/lane). TRKA (arrow) was detected using the purified polyclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NTRK1 antibody	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.
Product Categories/Family for anti-NTRK1 antibody	Cancer; Cell Biology; Developmental Biology; Signal Transduction
References	Tokusashi, Y., et al., Int. J. Cancer 114(1):39-45 (2005). Schulte, J.H., et al., Oncogene 24(1):165-177 (2005). Frattoni, M., et al., Oncogene 23(44):7436-7440 (2004). Tacconelli, A., et al., Cancer Cell 6(4):347-360 (2004). Florenes, V.A., et al., Am. J. Clin. Pathol. 122(3):412-420 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	56118210
NCBI GeneID	4914
NCBI Accession #	NP_001007793.1; NP_001012331.1; NP_002520.2
NCBI GenBank Nucleotide #	NM_001007792.1
UniProt Accession #	P04629; P08119; Q15655; Q15656; Q5D056; Q5VZS2; Q7Z5C3; Q9UIU7; B2R6T5; B7ZM34
Molecular Weight	87497
NCBI Official Full Name	high affinity nerve growth factor receptor isoform 3
NCBI Official Synonym Full Names	neurotrophic tyrosine kinase, receptor, type 1
NCBI Official Symbol	NTRK1
NCBI Official Synonym Symbols	MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA
NCBI Protein Information	high affinity nerve growth factor receptor
UniProt Protein Name	High affinity nerve growth factor receptor
UniProt Gene Name	NTRK1
UniProt Synonym Gene Names	MTC; TRK; TRKA; Trk-A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/trka-antibody-flow-cytometry-western-blot-elisa/286758>