

Rabbit anti-Human, mouse TrkA Polyclonal Antibody | anti-NTRK1 antibody

TrkA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289736	Rabbit	Human, mouse	Immunofluorescence, Flow Cytometry, Functional Assay, ELISA, Western Blot

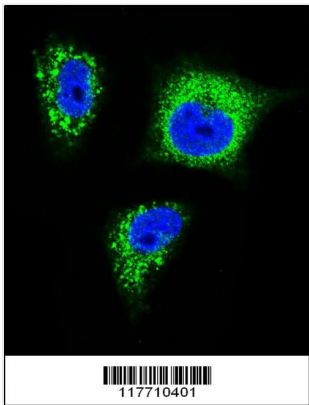
PRODUCT SYNONYMS

TrkA; Polyclonal Antibody; TrkA Antibody; 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; TRKA; anti-NTRK1 antibody

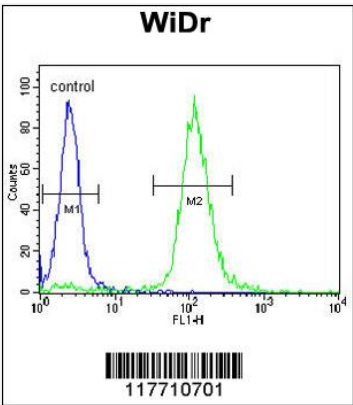
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TrkA antibody is generated from rabbits immunized with TrkA his fusion protein
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Length	698
Applicable Applications for anti-NTRK1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
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.

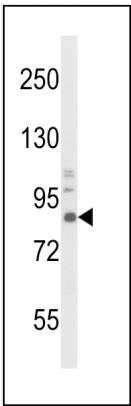
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of TrkA Antibody with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
TrkA Antibody flow cytometric analysis of WiDr 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 TrkA Antibody in mouse brain tissue lysates (35ug/lane). TrkA (arrow) was detected using the purified Pab.

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; Neuroscience; 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
UniProt Entry Name	NTRK1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trka-antibody-immunofluorescence-flow-cytometry-western-blot-elisa/289736>