

Mouse anti-Human TrkA Antibody | anti-TrkA antibody

TrkA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108481	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry

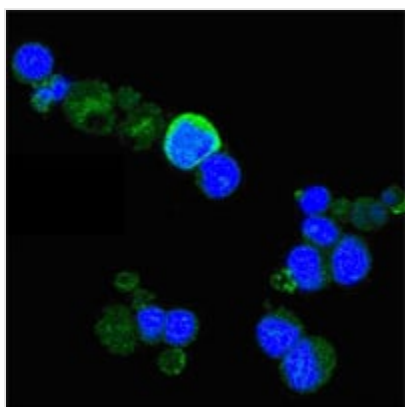
PRODUCT SYNONYMS

TrkA; TrkA Antibody; NTRK1; MTC; TRK; TRK1; anti-TrkA antibody

PRODUCT SPECIFICATIONS

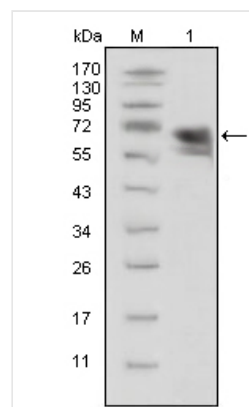
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	6B2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	760
Applicable Applications for anti-TrkA antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Purified recombinant extracellular fragment of human TrkA (aa33-423) fused with hIgGFc tag expressed in HEK293 cell line.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IF (Immunofluorescence)

Figure 2. Confocal immunofluorescence analysis of PC-12 cells using TrkA mouse mAb (green), showing membrane and cytoplasmic localization. Blue. DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Figure 1. Western blot analysis using TrkA mouse mAb against extracellular domain of human TrkA(aa33-423).

ADDITIONAL INFORMATION

Related Product Information for anti-TrkA antibody	TrkA, also known as NTRK1, MTC, TRK, TRK1. It 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 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.
Product Categories/Family for anti-TrkA antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	56118210
NCBI GeneID	4914
NCBI Accession #	NP_001007793.1
NCBI GenBank Nucleotide #	NM_001007792.1
UniProt Accession #	P04629; P08119; Q15655; Q15656; Q5D056; Q5VZS2; Q7Z5C3; Q9UIU7; B2R6T5; B7ZM34
Molecular Weight	87.4kDa
NCBI Official Full Name	high affinity nerve growth factor receptor isoform 3
NCBI Official Synonym Full Names	neurotrophic receptor tyrosine kinase 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	; 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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/trka/108481>