

Rabbit Ntrk2 Polyclonal Antibody | anti-Ntrk2 antibody

Mouse Ntrk2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285018	Rabbit	Mouse (Predicted Reactivity: Rat)	Western Blot, Immunohistochemistry, ELISA

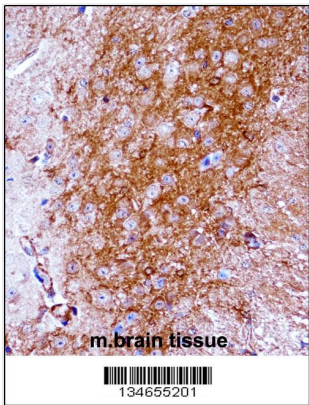
PRODUCT SYNONYMS

Ntrk2; Polyclonal Antibody; Mouse Ntrk2 Antibody (Center); BDNF/NT-3 growth factors receptor; GP145-TrkB/GP95-TrkB; Trk-B; Neurotrophic tyrosine kinase receptor type 2; TrkB tyrosine kinase; Trkb; anti-Ntrk2 antibody

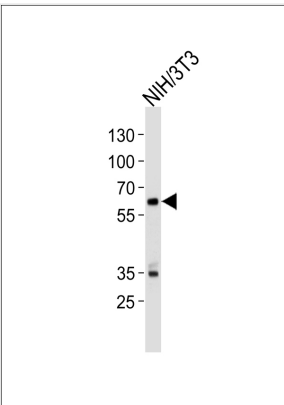
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Ntrk2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 343-372 amino acids from the Central region of mouse Ntrk2.
Purity/Purification	Peptide Affinity 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: 0.49 (varies by lot)
Sequence Positions	343-372
Sequence Length	749
Applicable Applications for anti-Ntrk2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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



IHC (Immunohiostchemistry)
Mouse Ntrk2 Antibody (Center) (AAA285018)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Ntrk2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from mouse NIH/3T3 cell line, using Mouse Ntrk2 Antibody (Center). AAA285018 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-Ntrk2 antibody	Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1.
Product Categories/Family for anti-Ntrk2 antibody	Cancer; Neuroscience; Signal transduction
References	Xu, X., et al. Proc. Natl. Acad. Sci. U.S.A. 107(44):19126-19131(2010) Lobo, M.K., et al. Science 330(6002):385-390(2010) Gascon, E., et al. J. Neurosci. 30(37):12414-12423(2010) Nikoletopoulou, V., et al. Nature 467(7311):59-63(2010) Ohnishi, H., et al. J. Neurosci. 30(31):10472-10483(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68215970
NCBI GeneID	18212
NCBI Accession #	NP_001020245.1; NP_032771.1
NCBI GenBank Nucleotide #	NM_001025074.2
UniProt Accession #	P15209; Q3TUF9; Q80WU0; Q91XJ9
Molecular Weight	92133
NCBI Official Full Name	BDNF/NT-3 growth factors receptor isoform a
NCBI Official Synonym Full Names	neurotrophic tyrosine kinase, receptor, type 2
NCBI Official Symbol	Ntrk2
NCBI Official Synonym Symbols	Trkb; trkB; trk-B; GP145-TrkB/GP95-TrkB
NCBI Protein Information	BDNF/NT-3 growth factors receptor
UniProt Protein Name	BDNF/NT-3 growth factors receptor
UniProt Gene Name	Ntrk2
UniProt Synonym Gene Names	Trkb; Trk-B

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://www.aaabiotech.com/polyclonal/ntrk2-antibody-western-blot-immunohistochemistry-elisa/285018>