

Trk A Antibody | anti-Trk A antibody

Trk A (Phospho-Tyr496) Antibody

CATALOG # AAA267461	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence
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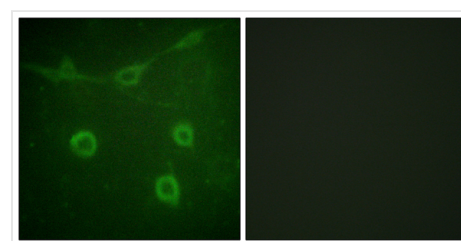
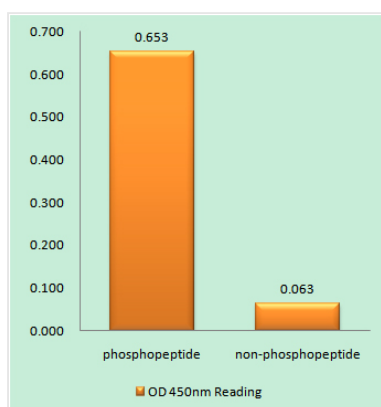
PRODUCT SYNONYMS

Trk A; Trk A (Phospho-Tyr496) Antibody; EC 2.7.10.1; High affinity nerve growth factor receptor precursor; NTRK1; Slow nerve growth factor receptor; TRK; TRK1 transforming tyrosine kinase protein; TRKA; Trk-A; kinase TrkA; p140-TrkA; anti-Trk A antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Trk A (Phospho-Tyr496) antibody detects endogenous levels of Trk A only when phosphorylated at tyrosine 496.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	760
Applicable Applications for anti-Trk A antibody	ELISA, IF (Immunofluorescence)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Trk A around the phosphorylation site of tyrosine 496 (P-Q-YP-F-S).
All Sites	Human: Tyr496 Mouse: Tyr499 Rat: Tyr499
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells, using Trk A (Phospho-Tyr496) antibody. Trk A (Phospho-Tyr496) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

References	E Lavenius. Cell Growth Differ., Jun 1995; 6: 727. F Miralles. J. Endocrinol., Mar 1998; 156: 431-439. Tim R. Bilderback. J. Biol. Chem., Jan 1999; 274: 257.
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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	77,145 Da
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://www.aaabiotech.com/human-mouse-rat-antibody/trk-a/267461>