

Rabbit NTRK3 Polyclonal Antibody | anti-NTRK3 antibody

NTRK3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286149	Rabbit	Human (Predicted Reactivity: Monkey, Pig)	Western Blot, ELISA, Flow Cytometry, Functional Assay

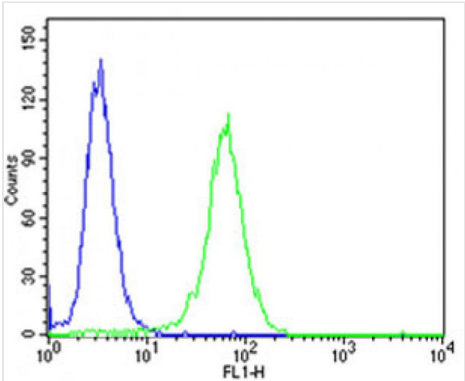
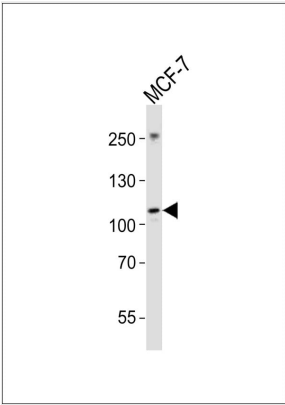
PRODUCT SYNONYMS

NTRK3; Polyclonal Antibody; NTRK3 Antibody (Center); NT-3 growth factor receptor; GP145-TrkC; Trk-C; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase; TRKC; anti-NTRK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NTRK3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 393-426 amino acids from the Central region of human NTRK3.
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: 0.5 (varies by lot)
Sequence Length	817
Applicable Applications for anti-NTRK3 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Crown Antibody	Yes
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



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NIH-3T3 cells using NTRK3 Antibody (Center)(green) compared to an isotype control of rabbit IgG(blue). AAA286149 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

WB (Western Blot)
Western blot analysis of lysate from MCF-7 cell line, using NTRK3 Antibody (Center). AAA286149 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-NTRK3 antibody	Receptor for neurotrophin-3 (NT-3). This is a tyrosine- protein kinase receptor. Known substrates for the trk receptors are SHC1, PI-3 kinase, and PLCG1. The different isoforms do not have identical signaling properties.
Product Categories/Family for anti-NTRK3 antibody	Crown Antibodies; Cancer; Signal Transduction
References	McGregor L.M.,et al.Genomics 22:267-272(1994). Shelton D.L.,et al.J. Neurosci. 15:477-491(1995). Ichaso N.,et al.Oncogene 17:1871-1875(1998). Ultsch M.H.,et al.J. Mol. Biol. 290:149-159(1999). Greenman C.,et al.Nature 446:153-158(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	59889562
NCBI GeneID	4916
NCBI Accession #	NP_001012338.1
NCBI GenBank Nucleotide #	NM_001012338.2
UniProt Accession #	Q16288; O75682; Q12827; Q16289; B7Z4C5; E9PG56; H0YND1
Molecular Weight	94428
NCBI Official Full Name	NT-3 growth factor receptor isoform a
NCBI Official Synonym Full Names	neurotrophic tyrosine kinase, receptor, type 3
NCBI Official Symbol	NTRK3
NCBI Official Synonym Symbols	TRKC; GP145-TrkC; gp145(trkC)
NCBI Protein Information	NT-3 growth factor receptor
UniProt Protein Name	NT-3 growth factor receptor
UniProt Gene Name	NTRK3
UniProt Synonym Gene Names	TRKC; Trk-C
UniProt Entry Name	NTRK3_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/ntrk3-antibody-western-blot-flow-cytometry-elisa/286149>