

Rabbit TRKC Polyclonal Antibody | anti-NTRK3 antibody

TRKC Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285916	Rabbit	Human (Predicted Reactivity: Monkey, Mouse, Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

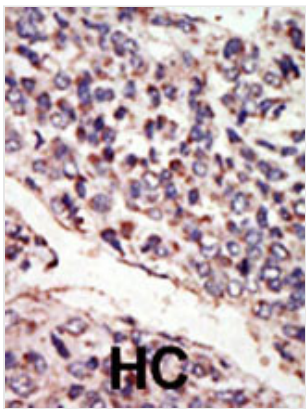
PRODUCT SYNONYMS

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

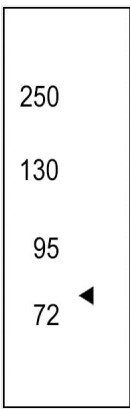
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TRKC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-61 amino acids from the N-terminal region of human TRKC.
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: 1.2 (varies by lot)
Sequence Positions	31-61
Sequence Length	839
Applicable Applications for anti-NTRK3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of hTRKC-C45 in 293 cell line lysates (35ug/lane). TRKC (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NTRK3 antibody	TRKC, a member of the insuline receptor subfamily of Tyr protein kinases, is a receptor for neurotrophin-3 (NT-3). Known substrates for the TRK receptors are SHC, PI-3 kinase, and PLCG1. The different isoforms do not have identical signaling properties. The protein is widely expressed, mainly in the nervous tissue. The isoform B is expressed in a relatively large amount in the adult brain comparatively to fetal brain. TRKC is subject to ligand-mediated auto-phosphorylation. The protein structure contains 2 immunoglobulin-like C2-type domains and 2 leucine-rich (LRR) repeats.
Product Categories/Family for anti-NTRK3 antibody	Cancer; Neuroscience; Signal transduction
References	McGregor, L.M., et al., Genomics 22(2):267-272 (1994). Shelton, D.L., et al., J. Neurosci. 15 (1 Pt 2), 477-491 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	59889562
NCBI GeneID	4916
NCBI Accession #	NP_001012338.1; NP_002521.2
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

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/trkc-antibody-immunohistochemistry-western-blot-elisa/285916>