

Rabbit NTRK2 Polyclonal Antibody | anti-NTRK2 antibody

NTRK2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200149	Rabbit	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Cow, Horse, Human, Rabbit, Rat	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

NTRK2; Polyclonal Antibody; NTRK2 antibody - C-terminal region; anti-NTRK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Cow, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide with the following region: DF SWFGFGKVKS RQGVGPASVI SNDDDSASPL HHISNGSNTP SSSEGGPD
Sequence Length	553
Applicable Applications for anti-NTRK2 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Homology	Cow: 88%; Horse: 100%; Human: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NTRK2
Protein Size (#AA)	553 amino acids
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-NTRK2 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: Human heart


IF (Immunofluorescence)

Mouse brain

ADDITIONAL INFORMATION

Related Product Information for anti-NTRK2 antibody	This is a rabbit polyclonal antibody against NTRK2. It was validated on Western Blot Target Description: This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders.
Product Categories/Family for anti-NTRK2 antibody	Polyclonal; Neuroscience; Various; Phosphorylation; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	65506769
NCBI GeneID	4915
NCBI Accession #	NP_001018075
NCBI GenBank Nucleotide #	NM_001018065
UniProt Accession #	Q8WXJ5; Q16620
Molecular Weight	57kDa
NCBI Official Full Name	BDNF/NT-3 growth factors receptor isoform d
NCBI Official Synonym Full Names	neurotrophic receptor tyrosine kinase 2
NCBI Official Symbol	NTRK2
NCBI Official Synonym Symbols	OBHD; TRKB; trk-B; EIEE58; GP145-TrkB
NCBI Protein Information	BDNF/NT-3 growth factors receptor

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.