

Trk C Antibody | anti-Trk C antibody

Trk C (Phospho-Tyr516) Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA110020	Human (Identities = 100%, Positives = 100%) Mouse (Identities = 100%, Positives = 100%) Rat (Identities = 100%, Positives = 100%)	ELISA, Immunohistochemistry, Western Blot

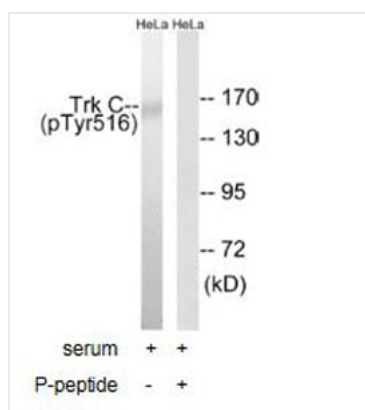
PRODUCT SYNONYMS

Trk C; Trk C (Phospho-Tyr516) Antibody; EC 2.7.10.1; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase; GP145-TrkC; Trk-C; anti-Trk C antibody

PRODUCT SPECIFICATIONS

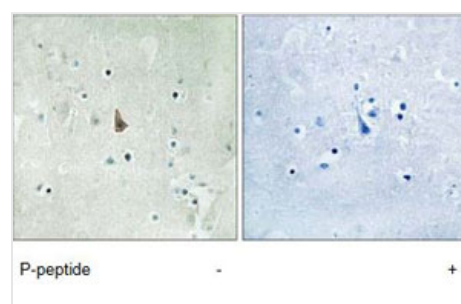
Reactivity	Human (Identities = 100%, Positives = 100%) Mouse (Identities = 100%, Positives = 100%) Rat (Identities = 100%, Positives = 100%)
Specificity	Trk C (Phospho-Tyr516) antibody detects endogenous levels of Trk C only when phosphorylated at tyrosine 516.
Purity/Purification	Affinity-purified from 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	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence Length	839
Applicable Applications for anti-Trk C antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Trk C around the phosphorylation site of tyrosine 516 (P-Q-YP-F-R).
Preparation and Storage	Store at -20°C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, treated with serum (20%, 15mins), using Trk C (Phospho-Tyr516) antibody



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Trk C (Phospho-Tyr516) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Trk C antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	McGregor L.M., Genomics 22:267-272(1994). Shelton D.L., J. Neurosci. 15:477-491(1995). Ichaso N., Oncogene 17:1871-1875(1998).

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	91,833 Da
NCBI Official Full Name	NT-3 growth factor receptor isoform a
NCBI Official Synonym Full Names	neurotrophic receptor tyrosine kinase 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.