

NTRK3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6818b**Specification****NTRK3 Antibody (C-term) Blocking Peptide -
Product Information**Primary Accession [Q16288](#)**NTRK3 Antibody (C-term) Blocking Peptide -
Additional Information****Gene ID** 4916**Other Names**NT-3 growth factor receptor, GP145-TrkC,
Trk-C, Neurotrophic tyrosine kinase
receptor type 3, TrkC tyrosine kinase,
NTRK3, TRKC**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6818b](/products/AP6818b) was selected from the C-term region of human NTRK3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NTRK3 Antibody (C-term) Blocking Peptide -
Protein Information****Name** NTRK3**NTRK3 Antibody (C-term) Blocking Peptide
- Background**

NTRK3 is 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 and may play a role in the development of proprioceptive neurons that sense body position.

**NTRK3 Antibody (C-term) Blocking Peptide
- References**

Yerges,L.M., et.al., J. Bone Miner. Res. (2009)

Synonyms TRKC**Function**

Receptor tyrosine kinase involved in nervous system and probably heart development. Upon binding of its ligand NTF3/neurotrophin-3, NTRK3 autophosphorylates and activates different signaling pathways, including the phosphatidylinositol 3-kinase/AKT and the MAPK pathways, that control cell survival and differentiation.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Widely expressed but mainly in nervous tissue. Isoform 2 is expressed at higher levels in adult brain than in fetal brain

**NTRK3 Antibody (C-term) Blocking Peptide
- Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)