

Mouse Ntrk3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14627a**Specification**

Mouse Ntrk3 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q6VNS1](#)**Mouse Ntrk3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 18213**Other Names**

NT-3 growth factor receptor, GP145-TrkC, Trk-C, Neurotrophic tyrosine kinase receptor type 3, TrkC tyrosine kinase, Ntrk3, TrkC

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.

Mouse Ntrk3 Antibody (N-term) Blocking Peptide - Protein Information**Name** Ntrk3**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

Isoform 2 expression is restricted to specific areas in adult brain. Isoform 3 transcripts are readily detected early during embryogenesis and are expressed predominantly in adult brain and gonads.

Mouse Ntrk3 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Ntrk3 Antibody (N-term) Blocking Peptide - Images

Mouse Ntrk3 Antibody (N-term) Blocking Peptide - Background

Ntrk3 is a 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 PLC-gamma-1 (By similarity).

Mouse Ntrk3 Antibody (N-term) Blocking Peptide - References

Gascon, E., et al. J. Neurosci. 30(37):12414-12423(2010)Nikoletopoulou, V., et al. Nature 467(7311):59-63(2010)Honma, Y., et al. Development 137(14):2319-2328(2010)Huang, T., et al. J Mol Cell Biol 2(3):152-163(2010)Li, W., et al. BMC Biol. 8, 86 (2010) :