

Anti-TRK C Antibody
Rabbit polyclonal antibody to TRK C
Catalog # AP59646**Specification**

Anti-TRK C Antibody - Product Information

Application	WB
Primary Accession	Q16288
Other Accession	Q6VNS1
Reactivity	Human, Mouse, Rat, Monkey, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94428

Anti-TRK C Antibody - Additional Information**Gene ID** 4916**Other Names**

TRKC; NT-3 growth factor receptor; GP145-TrkC; Trk-C; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase

Target/Specificity

Recognizes endogenous levels of TRK C protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-TRK C Antibody - 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.

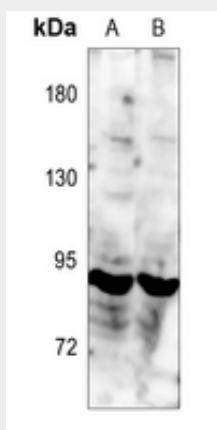
Tissue Location

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

Anti-TRK C Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TRK C Antibody - Images

Western blot analysis of TRK C expression in mouse testis (A), rat testis (B) whole cell lysates.

Anti-TRK C Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TRK C. The exact sequence is proprietary.