

**Trk C (phospho Tyr516) Polyclonal Antibody**  
Catalog # AP67732**Specification**

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**Trk C (phospho Tyr516) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q16288</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**Trk C (phospho Tyr516) Polyclonal Antibody - Additional Information****Gene ID** 4916**Other Names**

NTRK3; TRKC; NT-3 growth factor receptor; GP145-TrkC; Trk-C; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Trk C (phospho Tyr516) Polyclonal 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**

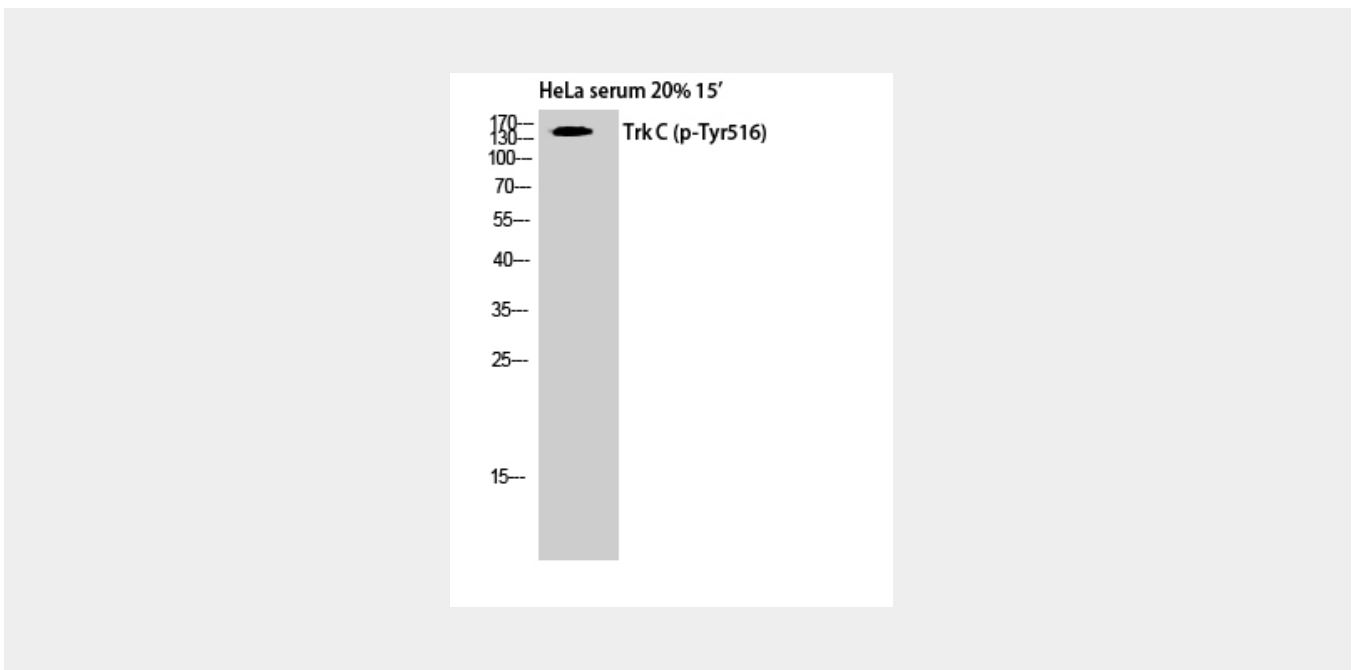
Widely expressed but mainly in nervous tissue. Isoform 2 is expressed at higher levels in adult brain than in fetal brain

## Trk C (phospho Tyr516) Polyclonal 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](#)

## Trk C (phospho Tyr516) Polyclonal Antibody - Images



## Trk C (phospho Tyr516) Polyclonal Antibody - Background

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.