BT LAB
Bioassay Technology Laboratory
*Optimize Your Research*

# Trk C(Phospho Tyr516) Polyclonal Antibody

## Description

| | |
|---|---|
| **Product type** | Primary Antibody |
| **Code** | BT-AP08234 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Size** | 20ul, 50ul, 100ul |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human Trk C around the phosphorylation site of Tyr516. AA range:482-531 |
| **Mol wt** | 94428 |
| **Species reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Recommended application** | WB, IHC-p, IF, ELISA |
| **Concentration** | 1 mg/ml |
| **Full name** | NT-3 growth factor receptor |
| **Synonyms** | NT-3 growth factor receptor; NTRK3; TRKC; NT-3 growth factor receptor; GP145-TrkC; Trk-C; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

## Background

This gene encodes 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. Mutations in this gene have been associated with medulloblastomas| secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilution

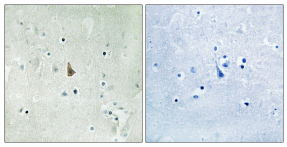
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

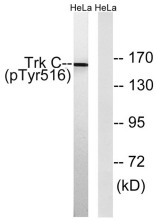
ELISA: 1: 10000

Not yet tested in other applications.

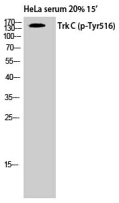
## Images



Immunohistochemistry analysis of paraffin-embedded human brain, using Trk C (Phospho-Tyr516) Antibody. The picture on the right is blocked with the phospho peptide.




Western Blot analysis of HELA cells using Phospho-Trk C (Y516) Polyclonal Antibody




Western blot analysis of lysates from HeLa cells treated with serum 20% 15', using Trk C (Phospho-Tyr516) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com