

## Trk B(Phospho Tyr706/Y707) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15161
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Trk B around the phosphorylation site of Tyr706 and Tyr707. AA range:676-725
<b>Mol wt</b>	91999
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	BDNF/NT-3 growth factors receptor
<b>Synonyms</b>	BDNF/NT-3 growth factors receptor; NTRK2; TRKB; BDNF/NT-3 growth factors receptor; GP145-TrkB; Trk-B; Neurotrophic tyrosine kinase receptor type 2; TrkB tyrosine kinase; Tropomyosin-related kinase B

**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. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants.

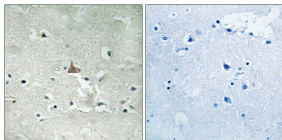
### Recommended Dilution

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 B (Phospho-Tyr706+Tyr707) Antibody. The picture on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year