

## TrkB (Phospho-Tyr817) Rabbit mAb

Catalog No: #14177

Package Size: #14177-1 50ul #14177-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

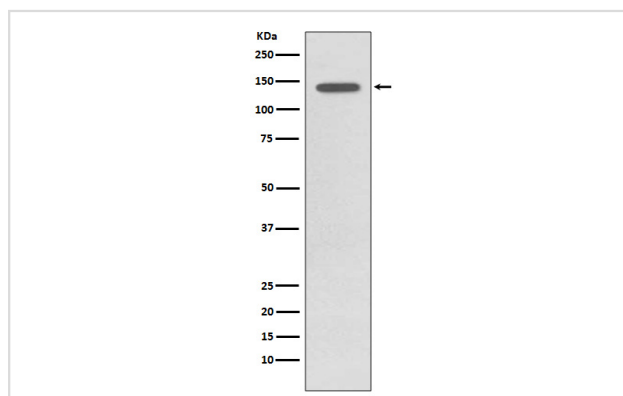
## Description

Product Name	TrkB (Phospho-Tyr817) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	Phospho-TrkB (Y817) Antibody detects endogenous levels of Phospho-TrkB (Y817)
Immunogen Description	A synthesized peptide derived from human Phospho-TrkB (Y817)
Other Names	NTRK2; gp145-TrkB; Trk-B; TRKB; Tropomyosin-related kinase B; TrkB tyrosine kinase; Tyrosine kinase receptor B;
Accession No.	Uniprot:Q16620
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Calculated MW	140kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 $\Lambda$ C short term. Store at -20 $\Lambda$ C long term. Avoid freeze / thaw cycle.

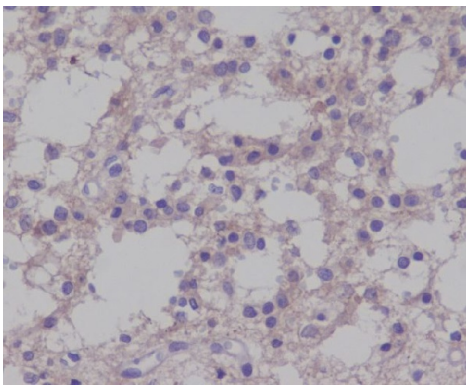
## Application Details

WB:1:500~1:1000IHC:1:50~1:100ICC/IF:1:50~1:100IP:1:30

## Images



Western blot analysis of Phospho-TrkB (Y817) expression in SH-SY5Y cell lysate treated with BDNF.



Immunohistochemical analysis of paraffin-embedded mouse brain cancer, using Phospho-TrkB (Y817) Antibody.

## Product Description

The family of Trk receptor tyrosine kinases consists of TrkA, TrkB and TrkC. While the sequence of these family members is highly conserved, they are activated by different neurotrophins: TrkA by NGF, TrkB by BDNF or NT4, and TrkC by NT3. TrkA regulates proliferation and is important for development and maturation of the nervous system. Point mutations, deletions and chromosomal rearrangements (chimeras) cause ligand-independent receptor dimerization and activation of TrkA.

Note: This product is for in vitro research use only