

## Phospho-TrkB (Y817) Rabbit monoclonal antibody

Catalog: BS40184

Host: Rabbit

Reactivity: Human Mouse Rat

### BackGround:

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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

140kDa

### Swiss-Prot:

Q16620

### Purification&Purity:

Affinity-chromatography

### Applications:

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

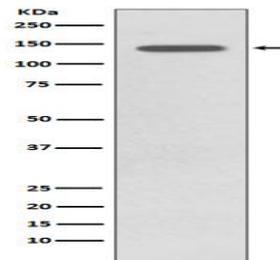
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

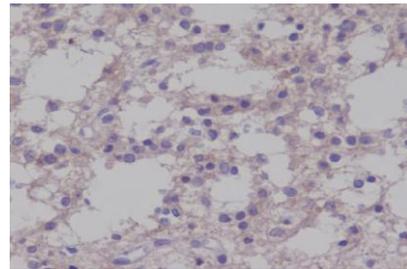
### Specificity:

Phospho-TrkB (Y817) Antibody detects endogenous levels of Phospho-TrkB (Y817)

### DATA:



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.

### Note:

For research use only, not for use in diagnostic procedure.

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