

Anti- Trk B (Phospho-Tyr706+Tyr707) Polyclonal Antibody



| Catalog No. | Size |
|-------------|--------|
| A100282-01 | 50 µl |
| A100282-02 | 100 µl |

| | |
|--------------------|---|
| Specificity | Anti- Trk B (Phospho-Tyr706+Tyr707) (human mouse rat) |
| Source | Rabbit Polyclonal |
| Application | ELISA IHC |
| Form | Liquid, 1 mg/ml |

Product

Swiss-Prot No.: Q16620

Other Names: BDNF/NT-3 growth factors receptor precursor; EC 2.7.10.1; GP145-TrkB; GP145-TrkB/GP95-TrkB; kinase TrkB; NTRK2; Trk-B; TrkB tyrosine kinase

Specificity and Sensitivity

Trk B (Phospho-Tyr706+Tyr707) antibody detects endogenous levels of Trk B only when phosphorylated at tyrosine 706 and tyrosine 707.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Trk B around the phosphorylation site of tyrosine 706 and tyrosine 707 (T-D-Y^P-Y^P-R-V).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100 ELISA: 1:10000

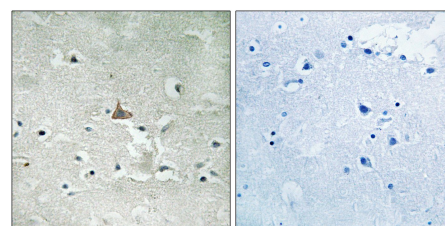
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

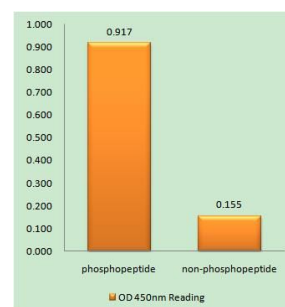
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue using Trk B (Phospho-Tyr706+Tyr707) antibody.



Trk B (Phospho-Tyr706+Tyr707) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.