Anti-Trk B (Phospho-Tyr515) Polyclonal Antibody

 Catalog No.
 Size

 A100015-01
 50 μl

 A100015-02
 100 μl

Specificity	Anti- Trk B (Phospho-Tyr515) (human Mouse Rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Specificity and Sensitivity

Swiss-Prot No.: Q16620

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

Specificity and Sensitivity

Trk B (phospho-Tyr515) antibody detects endogenous levels of Trk B only when phosphorylated at tyrosine 515.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Trk B around the phosphorylation site of tyrosine 515 (P-Q-Y^P-F-G).

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:

WB: 1:500~3000 IHC: 1:50~1:100 ELISA: 1:5000

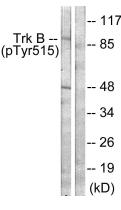
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), 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.

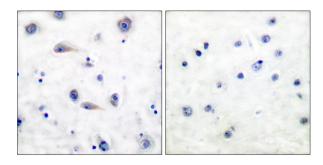
Images



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P-peptide -

Western blot analysis of extracts from NIH/3T3 cells using Trk B (phospho-Tyr515) antibody.



P-peptide

Immunohistochemical analysis of paraffin-embedded human brain tissue using Trk B (phospho-Tyr515) antibody.

