

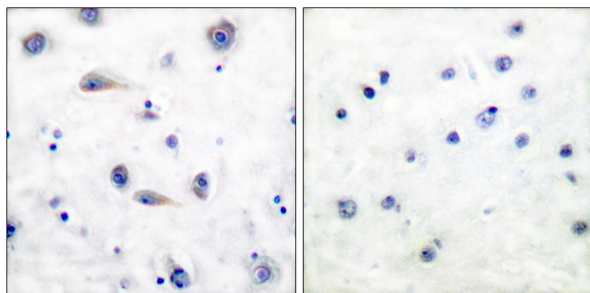


Trk B (Phospho-Tyr515) Antibody

E11-0035A

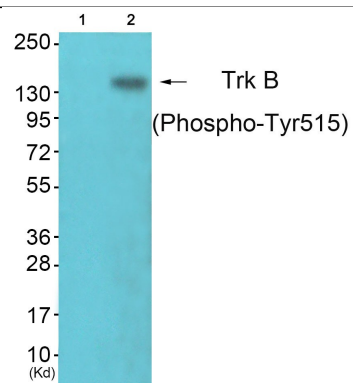
-
- Catalog Number:** E11-0035A
- Amount:** 100µg/100µl
- Swiss-Prot No. :** Q16620
- All Names:** BDNF/NT-3 growth factors receptor precursor, EC 2.7.10.1, GP145-TrkB, GP145-TrkB/GP95-TrkB, NTRK2, Trk-B, TrkB tyrosine kinase, kinase TrkB
- All Sites:** Human: Tyr516; Mouse: Tyr515; Rat: Tyr515
- Form of Antibody:** 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/Stability:** Store at -20°C/1 year
- Immunogen:** 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).
- Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
- Specificity/Sensitivity:** Trk B (phospho-Tyr515) antibody detects endogenous levels of Trk B only when phosphorylated at tyrosine 515.
- Reactivity:** Human, Mouse, Rat
- Applications:** WB: 1:500~3000 IHC: 1:50~1:100
ELISA: 1:5000
- References:** Tina Garofalo, J. Biol. Chem., Dec 1998; 273: 35153.
VI Shifrin and BG Neel, J. Biol. Chem., Dec 1993; 268: 25376 - 25384.
Jan Grimm, J. Cell Biol., Jul 2001; 154: 345.
Jose L. Tomsig and Terry T. Turner, J. Androl, May 2006; 27: 348 - 357.

For Research Use Only



P-peptide - +

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



P-peptide + -

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