



## Trk B (Ab-515) Antibody

E11-0035B

**Catalog Number:** E11-0035B

**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

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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 non-phosphopeptide derived from human Trk B around the phosphorylation site of tyrosine 515 (P-Q-Y<sup>P</sup>-F-G).

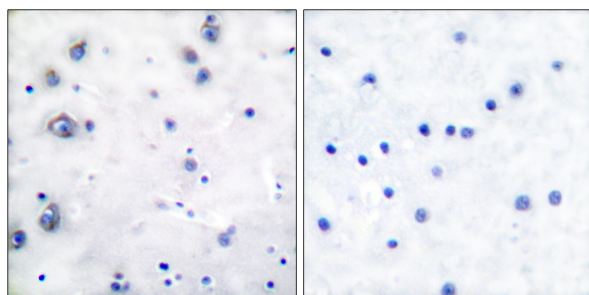
**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Specificity/Sensitivity** Trk B (Ab-515) antibody detects endogenous levels of total Trk B protein.

**Reactivity:** Human, Mouse, Rat

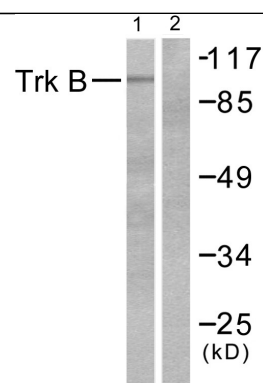
**Applications:** WB: 1:500~1000 IHC: 1:50~100  
ELISA: 1:10000

**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.



Peptide - +

Immunohistochemical analysis of paraffin-embedded human brain tissue using Trk B (Ab-515) antibody (#B0035).



PBS + +  
Peptide - +

Western blot analysis of extracts from 3T3 cells treated with PBS (60min), using Trk B (Ab-515) antibody (#B0035, Line 1 and 2).

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