

Anti-Trk B (Ab-515) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A200009-01	50 µl
A200009-02	100 µl

Specificity	Anti-Trk B (Ab-515) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB IHC ELISA
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, NTRK2, Trk-B, TrkB tyrosine kinase, kinase TrkB

Specificity and Sensitivity

Trk B (Ab-515) antibody detects endogenous levels of total Trk B protein.

Source and Purification

The antiserum was produced against synthesized non-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: 1:500~1:3000 ELISA: 1:10000

IHC: 1:50~1:100

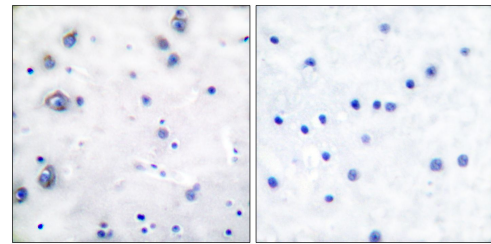
Storage Buffer

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

Storage Instructions

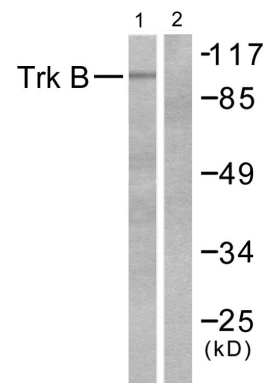
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Peptide - +

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



PBS + +
Peptide - +

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