

Anti- Trk C (Phospho-Tyr516) Polyclonal Antibody



Catalog No.	Size
A100283-01	50 µl
A100283-02	100 µl

Specificity	Anti- Trk C (Phospho-Tyr516) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q16288

Other Names: EC 2.7.10.1; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase; GP145-TrkC; Trk-C

Specificity and Sensitivity

Trk C (Phospho-Tyr516) antibody detects endogenous levels of Trk C only when phosphorylated at tyrosine 516.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Trk C around the phosphorylation site of tyrosine 516 (P-Q-Y^P-F-R).

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

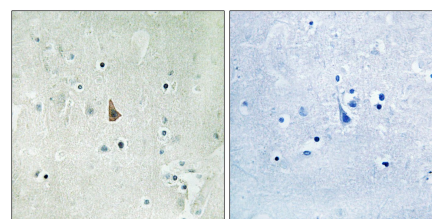
Storage Buffer

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

Storage Instructions

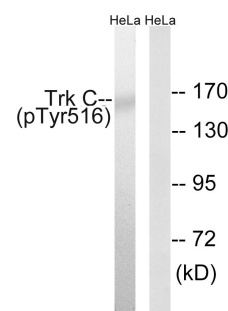
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Trk C (Phospho-Tyr516) antibody.



Serum - +
P-peptide - +

Western blot analysis of extracts from HeLa cells, treated with serum (20%, 15mins), using Trk C (Phospho-Tyr516) antibody.