



Trk C (Phospho-Tyr516) Antibody

E11-8196A

Catalog Number: E11-8196A

Concentration: 1mg/ml

Swiss-Prot No.: Q16288

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

All Sites: Human: Tyr516; Mouse: Tyr516; Rat: Tyr516

Storage/Stability: Store at -20°C/1 year

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.

Immunogen: 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).

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

Reactivity: Human (Identities = 100%, Positives = 100%);

Mouse (Identities = 100%, Positives = 100%);

Rat (Identities = 100%, Positives = 100%)

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100

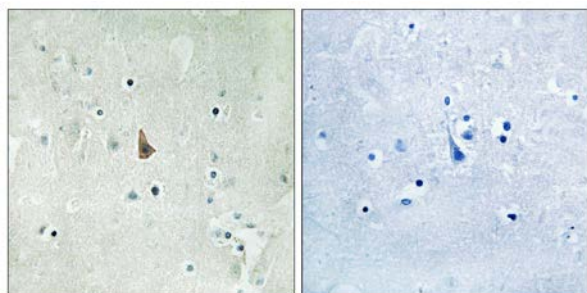
ELISA: 1:10000

References:

McGregor L.M., Genomics 22:267-272(1994).

Shelton D.L., J. Neurosci. 15:477-491(1995).

Ichaso N., Oncogene 17:1871-1875(1998).

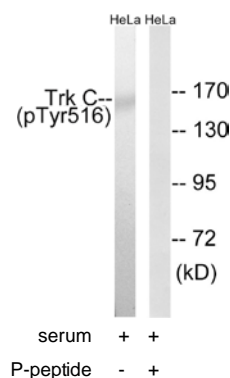


P-peptide

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



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

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