



TrkB(Phospho-Tyr706+Tyr707)Antibody

E11-8195A

Catalog Number: E11-8195A

Concentration: 1mg/ml

Swiss-Prot No.: Q16620

Other Names: BDNF/NT-3 growth factors receptor precursor; EC 2.7.10.1; GP145-TrkB; GP145-TrkB/GP95-TrkB; kinase TrkB; NTRK2; Trk-B; TrkB tyrosine kinase

All Sites: Human: Tyr706+Tyr707; Mouse: Tyr705+Tyr706; Rat: Tyr705+Tyr706

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 B around the phosphorylation site of tyrosine 706 and tyrosine 707 (T-D-Y^P-Y^P-R-V).

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 B (Phospho-Tyr706+Tyr707) antibody detects endogenous levels of Trk B only when phosphorylated at tyrosine 706 and tyrosine 707.

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

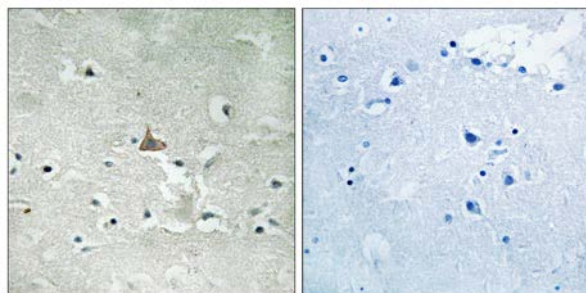
Applications: IHC: 1:50~1:100 ELISA: 1:10000

References:

Nakagawara A., Genomics 25:538-546(1995).

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

Stoilov P., Biochem. Biophys. Res. Commun. 290:1054-1065(2002).

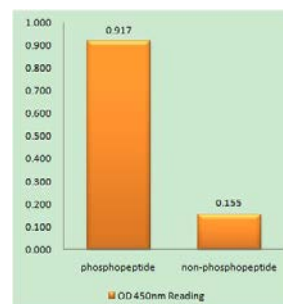


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using Trk B (Phospho-Tyr706+Tyr707) antibody.



Trk B (Phospho-Tyr706+Tyr707) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

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