



Trk A (Phospho-Tyr701) Antibody

E11-8070A

Catalog Number: E11-8070A

Concentration: 1mg/ml

Swiss-Prot No.: P04629

Other Names: EC 2.7.10.1; High affinity nerve growth factor receptor precursor; kinase TrkA; NTRK1; p140-TrkA; Slow nerve growth factor receptor; TRK; Trk-A; TRK1 transforming tyrosine kinase protein; TRKA

All Sites: Human: Tyr701; Mouse: Tyr704; Rat: Tyr704

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 A around the phosphorylation site of tyrosine 701 (I-L-Y^P-R-K).

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 A (Phospho-Tyr701) antibody detects endogenous levels of Trk A only when phosphorylated at tyrosine 701.

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

Mouse (Identities = 92%, Positives = 100%);

Rat (Identities = 92%, Positives = 100%)

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

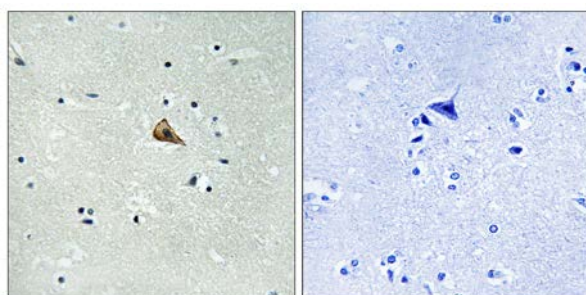
ELISA: 1:40000

References:

Martin-Zanca D., Mol. Cell. Biol. 9:24-33(1989).

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

Indo Y., Jpn. J. Hum. Genet. 42:343-351(1997).

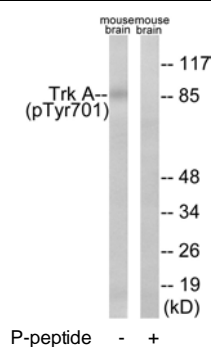


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using Trk A (Phospho-Tyr701) antibody.



P-peptide

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+

Western blot analysis of extracts from mouse brain cells, using Trk A (Phospho-Tyr701) antibody.

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