



Trk A (Phospho-Tyr680+Tyr681) Antibody

E11-8071A

Catalog Number: E11-8071A

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: Tyr680+Tyr681; Mouse:

Tyr683+Tyr684; Rat: Tyr683+Tyr684

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 680 and tyrosine 681 (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 A (Phospho-Tyr680+Tyr681) antibody detects endogenous levels of Trk A only when phosphorylated at tyrosine 680 and tyrosine 681.

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

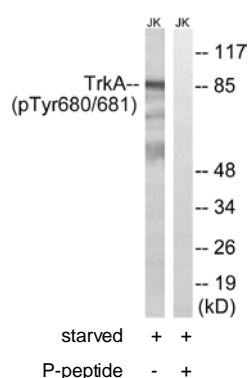
Applications: WB: 1:500~1:1000 ELISA: 1:5000

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).



Western blot analysis of extracts from Jurkat cells, treated with starved (24hours), using Trk A (Phospho-Tyr680+Tyr681) antibody.

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