

## Trk A (Phospho-Tyr757) Antibody

E11-8194A

**Catalog Number:** E11-8194A**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: Tyr757; Mouse: Tyr760; Rat: Tyr760

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

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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 757 (E-V-Y<sup>P</sup>-A-I).

**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-Tyr757) antibody detects endogenous levels of Trk A only when phosphorylated at tyrosine 757.

**Reactivity:** Human (Identities = 100%, Positives = 100%);  
Mouse (Identities = 90%, Positives = 100%);  
Rat (Identities = 90%, Positives = 100%)

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

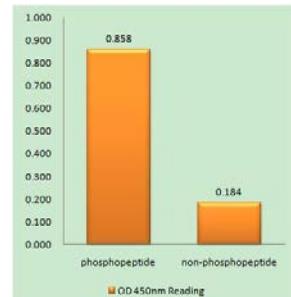
### References:

Martin-Zanca D., Mol. Cell. Biol. 9:24-33(1989).  
Shelton D.L., J. Neurosci. 15:477-491(1995).

The MGC Project Team, Genome Res. 14:2121-2127(2004).



P-peptide      -      +  
Immunohistochemistry analysis of paraffin-embedded human brain tissue using Trk A (Phospho-Tyr757) antibody.



Trk A (Phospho-Tyr757) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.