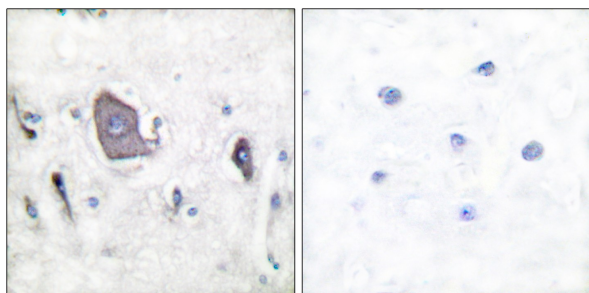


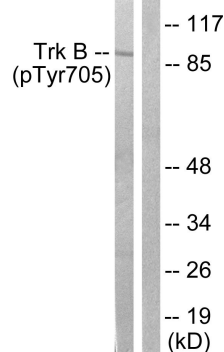
# Trk B (Phospho-Tyr705) Antibody

<b>Catalog Number:</b>	E11-0036A
<b>Amount:</b>	100µg/100µl
<b>Swiss-Prot No. :</b>	Q16620
<b>All Names:</b>	BDNF/NT-3 growth factors receptor precursor, EC 2.7.10.1, GP145-TrkB, GP145-TrkB/GP95-TrkB, NTRK2, Trk-B, TrkB tyrosine kinase, kinase TrkB
<b>All Sites:</b>	Human: Tyr706; Mouse: Tyr705; Rat: Tyr705
<b>Form of Antibody:</b>	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.
<b>Storage/Stability:</b>	Store at -20°C/1 year
<b>Immunogen:</b>	The antiserum was produced against synthesized phosphopeptide derived from human Trk B around the phosphorylation site of tyrosine 705 (T-D-Y <sup>P</sup> -Y-R).
<b>Purification:</b>	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.
<b>Specificity/Sensitivity:</b>	Trk B (phospho-Tyr705) antibody detects endogenous levels of Trk B only when phosphorylated at tyrosine 705.
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
<b>References:</b>	Tina Garofalo, J. Biol. Chem., Dec 1998; 273: 35153. VI Shifrin and BG Neel, J. Biol. Chem., Dec 1993; 268: 25376 - 25384. Jan Grimm, J. Cell Biol., Jul 2001; 154: 345. Jose L. Tomsig and Terry T. Turner, J. Androl, May 2006; 27: 348 - 357.



P-peptide - +

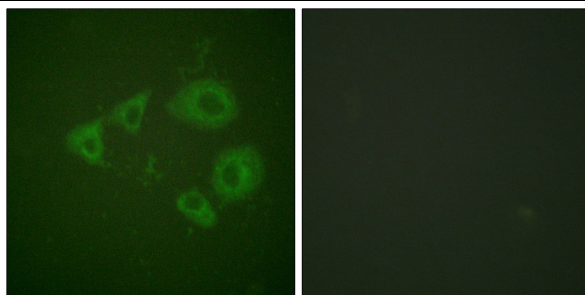
Immunohistochemical analysis of paraffin-embedded human brain tissue using Trk B (phospho-Tyr705) antibody.



P-peptide - +

Western blot analysis of extracts from mouse kidney, using Trk B (phospho-Tyr705) antibody.

**For Research Use Only**



P-peptide            -                            +

Immunofluorescence analysis of HuvEc cells, using Trk B (phospho-Tyr705) antibody (#11336).