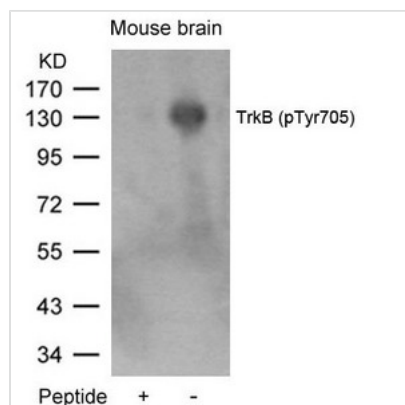




Phospho-NTRK2 (Tyr705) Antibody

Product Code	CSB-PA108948
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q16620
Immunogen	Peptide sequence around phosphorylation site of tyrosine 705 (T-D-Y P-Y-R) derived from Human TrkB.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of TrkB only when phosphorylated at tyrosine 705.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1. Woronowicz A, et al. Glycobiology. 2007 Jan;17(1):10-24. Mojsilovic-Petrovic J, et al. J Neurosci. 2006 Sep 6;26(36):9250-63. Lewis MA, et al. Mol Pharmacol. 2006 Apr;69(4):1396-404. Cai D, et al. Physiol Genomics. 2006 Feb 14;24(3):191-7.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	BDNF/NT-3 growth factors receptor precursor; EC 2.7.10.1; GP145-TrkB; GP145-TrkB/GP95-TrkB; NTRK2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	NTRK2
Image	



Western blot analysis of extracts from mouse brain tissue using TrkB(Phospho-Tyr705) Antibody and the same antibody preincubated with blocking peptide.

Product Modify

Phospho-Tyr705