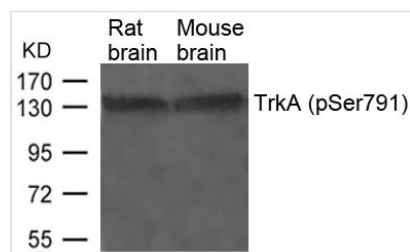


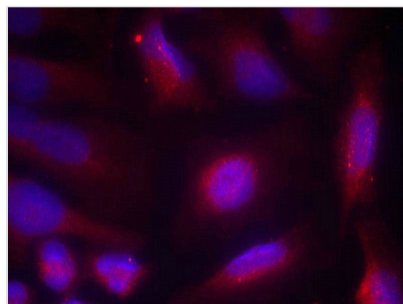
Phospho-NTRK1 (Ser791) Antibody

Product Code	CSB-PA198739
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04629
Immunogen	Peptide sequence around phosphorylation site of tyrosine791 (P-V-Y(p)-L-D) derived from Human TrkA.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous level of TrkA only when phosphorylated at tyrosine 791.
Tested Applications	ELISA,WB,IF;WB:1:500-1:1000,IF:1:100-1:200
Relevance	Required for high-affinity binding to nerve growth factor (NGF), neurotrophin-3 and neurotrophin-4/5 but not brain-derived neurotrophic factor (BDNF). Known substrates for the Trk receptors are SHC1, PI 3-kinase, and PLC-gamma-1. Has a crucial role in the development and function of the nociceptive reception system as well as establishment of thermal regulation via sweating. Activates ERK1 by either SHC1- or PLC-gamma-1-dependent signaling pathway. Wiese S, et al. Proc Natl Acad Sci U S A. 2007 Oct 23; 104(43):17210-5. Valdez G, et al. Proc Natl Acad Sci U S A. 2007 Jul 24;104(30):12270-5 Inoue K, et al. J Biol Chem. 2007 Aug 17;282(33):24175-84
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 usi
Clonality	Polyclonal
Alias	High affinity nerve growth factor receptor precursor; NTRK1; Slow nerve growth factor receptor; TRK; TRK1 transforming tyrosine kinase protein
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	NTRK1

Image



Western blot analysis of extracts from Rat and Mouse brain tissue using TrkA(Phospho-Ser791) Antibody.



Immunofluorescence staining of methanol-fixed Hela cells using TrkA(Phospho-Ser791) Antibody.

Product Modify

Phospho-Ser791