

AP08028PU-S**Polyclonal Antibody to TrkB pTyr705 - Aff - Purified**

Alternate names:	BDNF/NT-3 growth factors receptor, GP145-TrkB, NTRK2, Neurotrophic tyrosine kinase receptor type 2, TRKB, TrkB tyrosine kinase
Quantity:	50 µg
Concentration:	1.0 mg/ml.
Uniprot ID:	Q16620
NCBI:	NP_001007098.1
GeneID:	4915
Host:	Rabbit
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human TrkB around the phosphorylation site of Tyrosine 705 (T-D-Y P-Y-R).
Format:	State: Liquid purified Ig fraction. Purification: Immunoaffinity Chromatography: 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. Buffer System: PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applications:	Western Blot (1/500-1/1000). Incubate membrane with diluted antibody in 5% nonfat milk, 1xTBS, 0.1% Tween-20 at 4°C with gentle shaking overnight. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody AP08028PU detects endogenous levels of TrkB only when phosphorylated at Tyrosine 705. Species: Human, Mouse and Rat. Other species not tested.
Add. Information:	Molecular Weight: 140 kDa
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
General Readings:	1. Woronowicz A, et al. Glycobiology. 2007 Jan;17(1):10-24. 2. Mojsilovic-Petrovic J, et al. J Neurosci. 2006 Sep 6;26(36):9250-63. 3. Lewis MA, et al. Mol Pharmacol. 2006 Apr;69(4):1396-404. 4. Cai D, et al. Physiol Genomics. 2006 Feb 14;24(3):191-7.

Pictures:

Western blot analysis of extracts from Mouse brain tissue, using TrkB (Phospho-Tyr705) Antibody AP08028PU and the same antibody preincubated with blocking peptide.

