

TrkB(Phospho-Tyr706) Antibody

Catalog No: #11328



Package Size: #11328-1 50ul #11328-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

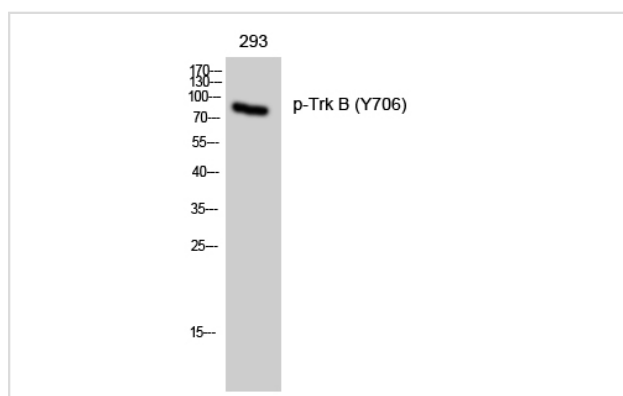
Product Name	TrkB(Phospho-Tyr706) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of TrkB only when phosphorylated at tyrosine 706.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 706 (T-D-Y P-Y-R) derived from Human TrkB.
Conjugates	Unconjugated
Target Name	TrkB
Modification	Phospho
Other Names	BDNF/NT-3 growth factors receptor precursor; EC 2.7.10.1; GP145-TrkB; GP145-TrkB/GP95-TrkB; NTRK2
Accession No.	Swiss-Prot: Q16620NCBI Protein: NP_001007098.1
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

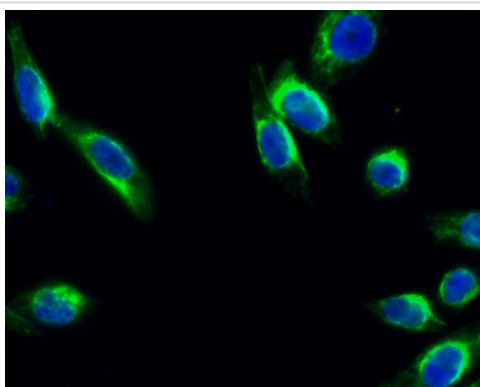
Predicted MW: 140kd

Western blotting: 1:500~1:1000

Images



Western Blot analysis of 293 cells using Phospho-Trk B (Y706) Polyclonal Antibody .



Immunofluorescence analysis of HeLa cell.

Background

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.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.