

TrkA(Ab-791) Antibody

Catalog No: #21326



Package Size: #21326-1 50ul #21326-2 100ul #21326-4 25ul

Overview

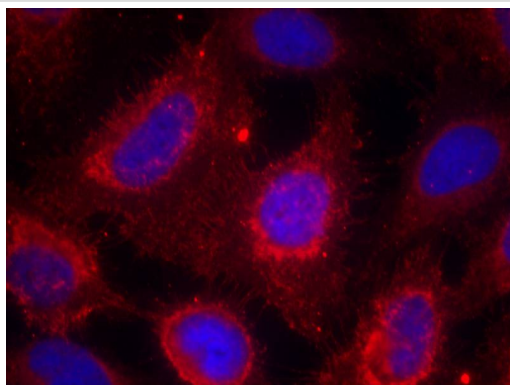
Product Name	TrkA(Ab-791) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IF
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	TrkA
Alternative Names	High affinity nerve growth factor receptor precursor; NTRK1; Slow nerve growth factor receptor; TRK; TRK1 transforming tyrosine kinase protein

Application Details

Predicted MW: 140kd

Immunofluorescence: 1:100~1:200

Images



Immunofluorescence staining of methanol-fixed HeLa cells using TrkA(Ab-791) Antibody #21326.

Descriptions

Immunogen	Peptide sequence around aa.789~793 (P-V-Y-L-D) derived from Human TrkA.
Specificity	The antibody detects endogenous level of total TrkA protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
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.
Accession NO.	Swiss-Prot: P04629NCBI Protein: NP_001007793.1

Related Information

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

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