TrkA (Ab-791) Conjugated Antibody

Catalog No: #C21326

Package Size: #C21326-AF350 100ul #C21326-AF405 100ul #C21326-AF488 100ul #C21326-AF555 100ul #C21326-AF594 100ul #C21326-AF647 100ul #C21326-AF680 100ul #C21326-AF750 100ul #C21326-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	TrkA (Ab-791) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total TrkA protein.
Immunogen Description	Peptide sequence around aa.789~793 (P-V-Y-L-D) derived from Human TrkA.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	High affinity nerve growth factor receptor precursor;NTRK1;Slow nerve growth factor receptor;TRK;TRK1 transforming tyrosine kinase protein
Accession No.	Swiss-Prot#:P04629NCBI Gene ID:4914NCBI mRNA#:NM_001007792.1 NCBI Protein#: NP_001007793.1
Uniprot	P04629
GeneID	4914;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	140
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

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.

Note: This product is for in vitro research use only