

## TrkB (Phospho-Tyr515) Conjugated Antibody

Catalog No: #C11327



Package Size: #C11327-AF350 100ul #C11327-AF405 100ul #C11327-AF488 100ul  
 #C11327-AF555 100ul #C11327-AF594 100ul #C11327-AF647 100ul  
 #C11327-AF680 100ul #C11327-AF750 100ul #C11327-Biotin 100ul

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## Description

Product Name	TrkB (Phospho-Tyr515) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of TrkB only when phosphorylated at tyrosine 515.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 515 (P-Q-Y(p)-F-G) derived from Human TrkB.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BDNF/NT-3 growth factors receptor precursor;GP145-TrkB;GP145-TrkB/GP95-TrkB;NTRK2;Trk-B
Accession No.	Swiss-Prot#:Q16620NCBI Gene ID:4915NCBI mRNA#:NM_001007097.1 NCBI Protein#: NP_001007098.1
Uniprot	Q16620
GeneID	4915;
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

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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.

## Background

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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