

## Trk B (Phospho-Tyr706/Tyr707) Conjugated Antibody

Catalog No: #C11758



Package Size: #C11758-AF350 100ul #C11758-AF405 100ul #C11758-AF488 100ul  
 #C11758-AF555 100ul #C11758-AF594 100ul #C11758-AF647 100ul  
 #C11758-AF680 100ul #C11758-AF750 100ul #C11758-Biotin 100ul

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## Description

Product Name	Trk B (Phospho-Tyr706/Tyr707) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of Trk B only when phosphorylated at tyrosine 706 and tyrosine 707.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 706/tyrosine 707 (T-D-Y(p)-Y(p)-R-V) derived from Human Trk B.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Trk-B;NTRK2;GP145-TrkB
Accession No.	Swiss-Prot#:Q16620NCBI Gene ID:4915NCBI mRNA#:NM_001018064.1. NCBI Protein#:NP_001018074.1.
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	91
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

## 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