

NTF3 Conjugated Antibody

Catalog No: #C38132



Package Size: #C38132-AF350 100ul #C38132-AF405 100ul #C38132-AF488 100ul
 #C38132-AF555 100ul #C38132-AF594 100ul #C38132-AF647 100ul
 #C38132-AF680 100ul #C38132-AF750 100ul #C38132-Biotin 100ul

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Description

Product Name	NTF3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NTF3 antibody.
Immunogen Description	Recombinant protein of human NTF3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NTF3;HDNF;MGC129711;NGF-2;NGF2;NT3 ;
Accession No.	Swiss-Prot#:P20783NCBI Gene ID:4908
Uniprot	P20783
GeneID	4908;
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	29
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

Background

NT-3 is a member of the structurally related neurotrophin family of proteins, which includes β -NGF, BDNF and NT-4 (1). NT-3 is expressed in a number of cell types including neuronal cells, eosinophils, and melanocytes (1-3). NT-3 is required for the development of peripheral sensory neurons (4). NT-3 is secreted from cells as a precursor protein, which is proteolytically cleaved into the mature form (1). NT-3 signaling is mediated through two distinct receptors, the neurotrophin receptor p75NTR and the Trk tyrosine kinase receptor TrkC. While all neurotrophins bind to the p75NTR receptor, NT-3 preferentially binds to TrkC and, with lesser affinity, TrkB (1).

Note: This product is for in vitro research use only