HTR3B Conjugated Antibody

Catalog No: #C37405

Package Size: #C37405-AF350 100ul #C37405-AF405 100ul #C37405-AF488 100ul #C37405-AF555 100ul #C37405-AF594 100ul #C37405-AF647 100ul #C37405-AF680 100ul #C37405-AF750 100ul #C37405-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	HTR3B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HTR3B protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human 5-hydroxytryptamine (serotonin) receptor 3B, ionotropic
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	5-HT3B
Accession No.	Swiss-Prot#:O95264NCBI Gene ID:9177NCBI Protein#:NP_000859
Uniprot	O95264
GeneID	9177;
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
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

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit B of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It is not functional as a homomeric complex, but a pentaheteromeric complex with subunit A (HTR3A) displays the full functional features of this receptor.

Note: This product is for in vitro research use only