

## 5-HT-4 Conjugated Antibody

Catalog No: #C34153



Package Size: #C34153-AF350 100ul #C34153-AF405 100ul #C34153-AF488 100ul  
 #C34153-AF555 100ul #C34153-AF594 100ul #C34153-AF647 100ul  
 #C34153-AF680 100ul #C34153-AF750 100ul #C34153-Biotin 100ul

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## Description

Product Name	5-HT-4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total 5-HT-4 protein.
Immunogen Description	Synthesized peptide derived from internal of human 5-HT-4.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	5-hydroxytryptamine receptor 4;5-HT-4;Serotonin receptor 4;5-HT4;HTR4
Accession No.	Swiss-Prot#:Q13639NCBI Gene ID:3360
Uniprot	Q13639
GeneID	3360;
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	43
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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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.

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Note: This product is for in vitro research use only