5HT2C Receptor Conjugated Antibody

Catalog No: #C49591

Package Size: #C49591-AF350 100ul #C49591-AF405 100ul #C49591-AF488 100ul #C49591-AF555 100ul #C49591-AF594 100ul #C49591-AF647 100ul #C49591-AF680 100ul #C49591-AF750 100ul #C49591-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	5HT2C Receptor Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	5 Hydroxytryptamine 2C receptor antibody 5-HT-1C antibody 5-ht-1c receptor antibody 5-HT-2C antibody 5-HT1C antibody 5-HT2C antibody 5-HTR2C antibody 5-hydroxytryptamine (serotonin) receptor 2C, G protein-coupled antibody 5-hydroxytryptamine receptor 1C antibody 5-hydroxytryptamine receptor 2C antibody 5HT1C antibody 5HT2C antibody 5HT2C_HUMAN antibody 5HTR2C antibody 5Hydroxytryptamine 2C receptor antibody Htr1c antibody HTR2C antibody serotonin 1c receptor antibody serotonin 2c receptor antibody Serotonin 5-HT-2C receptor antibody Serotonin receptor 2C antibody
Accession No.	Swiss-Prot#:P28335
Uniprot	P28335
GeneID	3358;
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	70 kDa
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

G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various drugs and psychoactive substances, including ergot alkaloid derivatives, 1-2,5,-dimethoxy-4-iodophenyl-2-aminopropane (DOI) and lysergic acid diethylamide (LSD). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Beta-arrestin family members inhibit signaling via G proteins and mediate activation of alternative signaling pathways. Signaling activates a phosphatidylinositol-calcium second messenger system that modulates the activity of phosphatidylinositol 3-kinase and down-stream signaling cascades and promotes the release of Ca2+ ions from intracellular stores. Regulates neuronal activity via the activation of short transient receptor potential calcium channels in the brain, and thereby modulates the activation of pro-opiomelacortin neurons and the release of CRH that then regulates the release of corticosterone.

Note: This product is for in vitro research use only