

Datasheet for ABIN7142624
anti-HTR2A antibody (AA 385-471) (FITC)



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Overview

Quantity:	100 µg
Target:	HTR2A
Binding Specificity:	AA 385-471
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR2A antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human 5-hydroxytryptamine receptor 2A protein (385-471AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HTR2A
Alternative Name:	HTR2A (HTR2A Products)
Background:	Background: G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various drugs and psychoactive substances, including mescaline, psilocybin, 1-

Target Details

(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 phospholipase C and a phosphatidylinositol-calcium second messenger system that modulates the activity of phosphatidylinositol 3-kinase and promotes the release of Ca²⁺ ions from intracellular stores. Affects neural activity, perception, cognition and mood. Plays a role in the regulation of behavior, including responses to anxiogenic situations and psychoactive substances. Plays a role in intestinal smooth muscle contraction, and may play a role in arterial vasoconstriction.

Aliases: 5 HT 2 antibody, 5 HT 2A antibody, 5 HT2 receptor antibody, 5 HT2A antibody, 5-hydroxytryptamine receptor 2A antibody, 5-HT-2 antibody, 5-HT-2A antibody, 5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled antibody, 5-hydroxytryptamine 2A receptor antibody, 5-hydroxytryptamine receptor 2A antibody, 5HT2A_HUMAN antibody, HTR 2 antibody, HTR 2A antibody, HTR2 antibody, HTR2, formerly antibody, HTR2A antibody, serotonin 5-HT-2 receptor, formerly antibody, serotonin 5-HT-2A receptor antibody, Serotonin receptor 2A antibody

UniProt:	P28223
Pathways:	JAK-STAT Signaling , Inositol Metabolic Process , Regulation of Carbohydrate Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.