

Datasheet for ABIN4995805

anti-HTR2C antibody (AA 311-410) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HTR2C
Binding Specificity:	AA 311-410
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR2C antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human 5HTR2C
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	HTR2C
Alternative Name:	5HTR2C (HTR2C Products)

Target Details

Background:	Synonyms: 5 Hydroxytryptamine 2C receptor, 5-HT-1C, 5-ht-1c receptor, 5-HT-2C, 5-HT1C, 5-HT2C, 5-HTR2C, 5-hydroxytryptamine serotonin receptor 2C, G protein-coupled, 5-hydroxytryptamine receptor 1C, 5-hydroxytryptamine receptor 2C, 5HT1C, 5HT2C, 5HT2C_HUMAN, 5HTR2C, 5Hydroxytryptamine 2C receptor, Htr1c, HTR2C, serotonin 1c receptor, serotonin 2c receptor, Serotonin 5-HT-2C receptor, Serotonin receptor 2C. Background: Serotonin (5-hydroxytryptamine, 5-HT), a neurotransmitter, elicits a wide array of physiological effects by binding to several receptor subtypes, including the 5-HT2 family of seven-transmembrane-spanning, G-protein-coupled receptors, which activate phospholipase C and D signaling pathways. This gene encodes the 2C subtype of serotonin receptor and its mRNA is subject to multiple RNA editing events, where genomically encoded adenosine residues are converted to inosines. RNA editing is predicted to alter amino acids within the second intracellular loop of the 5-HT2C receptor and generate receptor isoforms that differ in their ability to interact with G proteins and the activation of phospholipase C and D signaling cascades, thus modulating serotonergic neurotransmission in the central nervous system. Studies in humans have reported abnormalities in patterns of 5-HT2C editing in depressed suicide victims. [provided by RefSeq, Jul 2008].
Gene ID:	3358
Pathways:	Inositol Metabolic Process , Regulation of Carbohydrate Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months