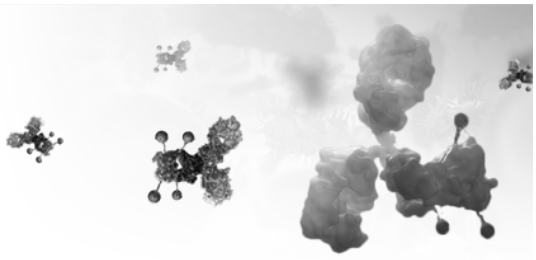

Mouse anti-Human HTR5A monoclonal antibody, clone 21E4 (CABT-B10437)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	HTR5A (NP_076917, 223 a.a. ~ 283 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	21E4
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	IYKAAKFRVGSRKTNSVSPISEAVEVKDSAKQPQMVFTVRHATVTFQPEGDTWREQKEQR *
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. The

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	gene described in this record is a member of 5-hydroxytryptamine (serotonin) receptor family and encodes a multi-pass membrane protein that functions as a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca2+ mobilization. [provided by RefSeq, Jul 2008]
Keywords	HTR5A; 5-hydroxytryptamine (serotonin) receptor 5A, G protein-coupled; 5-HT5A; 5-hydroxytryptamine receptor 5A; 5-HT-5; 5-HT-5A; serotonin receptor 5A;

GENE INFORMATION

Entrez Gene ID	3361
UniProt ID	P47898
Pathway	Amine ligand-binding receptors, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem
Function	G-protein coupled receptor activity; receptor activity; serotonin receptor activity

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