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Datasheet for ABIN1394852

anti-Serotonin Receptor 1E antibody (AA 1-120) (FITC)

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Overview

Quantity:	100 µL
Target:	Serotonin Receptor 1E (HTR1E)
Binding Specificity:	AA 1-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 1E antibody is conjugated to FITC
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human 5HT1E Receptor/SR-1E
Isotype:	IgG
Predicted Reactivity:	Human,Cow,Pig,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	Serotonin Receptor 1E (HTR1E)
Alternative Name:	5HT1E Receptor/SR-1E (HTR1E Products)
Background:	Synonyms: 5 hydroxytryptamine serotonin receptor 1E, 5 hydroxytryptamine serotonin receptor

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Target Details

	1E G protein coupled, 5 hydroxytryptamine 1E receptor, 5-HT-1E, 5-hydroxytryptamine receptor 1E, HTR1E, S31, Serotonin receptor 1E, 5HT1E_HUMAN. Background: The members of the G-protein-coupled receptor family are distinguished by their slow transmitting response to ligand binding. These seven transmembrane proteins include the adrenergic, serotonin and dopamine receptors. The effect of the signaling molecule can be excitatory or inhibitory depending on the type of receptor to which it binds. b-adrenergic bound to adrenaline activates adenylyl cyclase, while a2-adrenergic receptor bound to adrenaline inhibits adenylyl cyclase. Like the a2-adrenergic receptor, serotonin receptor functions are also mediated by G proteins that inhibit the activity of adenylyl cyclase. The serotonin receptors have been classified into several categories, designated SR-17 (5HT17). Subtypes within the SR-1 group include SR-1A, -1B, -1D, -1E and -1F.
Pathways:	JAK-STAT Signaling, cAMP Metabolic Process

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 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