

Datasheet for ABIN4995799

anti-Serotonin Receptor 4 antibody (AA 161-270) (AbBy Fluor® 680)



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Overview

Quantity:	100 µL
Target:	Serotonin Receptor 4 (HTR4)
Binding Specificity:	AA 161-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 4 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 5HT4 Receptor
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	Serotonin Receptor 4 (HTR4)
Alternative Name:	5HT4 Receptor (HTR4 Products)

Target Details

Background:	<p>Synonyms: 5 HT 4, 5 HT4, 5 HT4R, 5 hydroxytryptamine 4 receptor, 5 hydroxytryptamine receptor 4, 5 hydroxytryptamine serotonin receptor 4, 5 hydroxytryptamine4 receptor, 5-HT-4, 5-ht4, 5-HT4R, 5H4, 5HT 4, 5HT4, 5ht4 receptor, 5HT4R, Cardiac 5 HT4 receptor, HTR 4, HTR4, serotonin 4 receptor, Serotonin 5 HT4 receptor, serotonin 5-ht-4 receptor, serotonin 5-ht-4a. Serotonin receptor 4, 5HT4R_HUMAN.</p> <p>Background: This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described. [provided by RefSeq, May 2010]</p>
Gene ID:	3360
UniProt:	Q13639
Pathways:	JAK-STAT Signaling , cAMP Metabolic Process , S100 Proteins

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.

Handling

Expiry Date: 12 months