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Datasheet for ABIN1386209

anti-Serotonin Receptor 4 antibody (AA 161-270)

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 un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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)
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Target Details

Alternative Name: 5HT4 Receptor ([HTR4 Products](#))

Background: 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.

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]

Gene ID: 3360

UniProt: [Q13639](#)

Pathways: [JAK-STAT Signaling](#), [cAMP Metabolic Process](#), [S100 Proteins](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months