

Datasheet for ABIN6256882

anti-Serotonin Receptor 4 antibody (C-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Serotonin Receptor 4 (HTR4)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human 5-HT-4, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	5-HT-4 Antibody detects endogenous levels of total 5-HT-4.
Predicted Reactivity:	Bovine, Sheep, Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Serotonin Receptor 4 (HTR4)
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Target Details

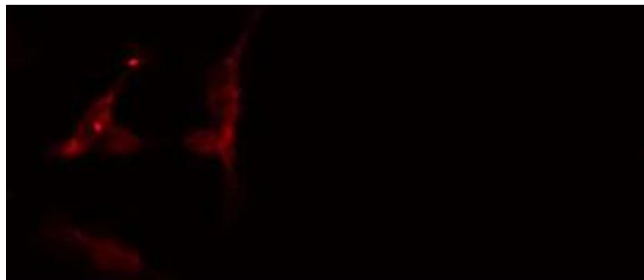
Alternative Name:	HTR4 (HTR4 Products)
Background:	<p>Description: This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.</p> <p>Gene: HTR4</p>
Molecular Weight:	43 kDa
Gene ID:	3360
UniProt:	Q13639
Pathways:	JAK-STAT Signaling , cAMP Metabolic Process , S100 Proteins

Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

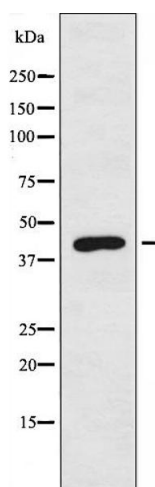
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunofluorescence (fixed cells)

Image 1. ABIN6274575 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.



Western Blotting

Image 2. Western blot analysis of extracts from 293 cells, treated with insulin (0.01U/ml, 15mins), using 5-HT-4 antibody.