

Datasheet for ABIN7142640

anti-Serotonin Receptor 4 antibody (AA 316-388)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Serotonin Receptor 4 (HTR4)
Binding Specificity:	AA 316-388
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human 5-hydroxytryptamine receptor 4 protein (316-388AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Serotonin Receptor 4 (HTR4)
Alternative Name:	HTR4 (HTR4 Products)
Background:	Background: 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

Target Details

of this receptor is mediated by G proteins that stimulate adenylate cyclase.

Aliases: HTR45-hydroxytryptamine receptor 4 antibody, 5-HT-4 antibody, 5-HT4 antibody, Serotonin receptor 4 antibody

UniProt: [Q13639](#)

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

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

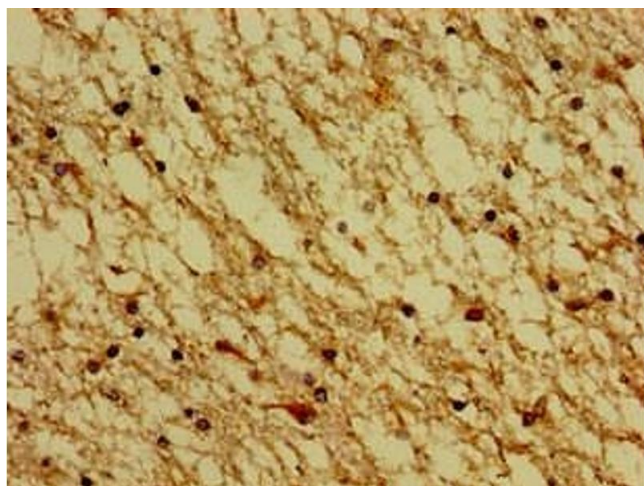
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

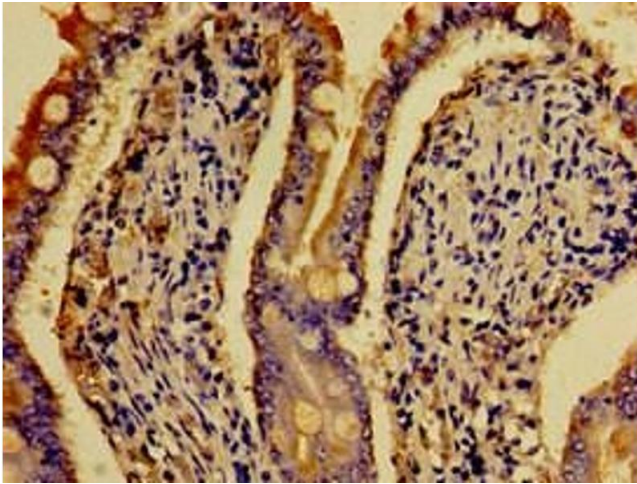
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



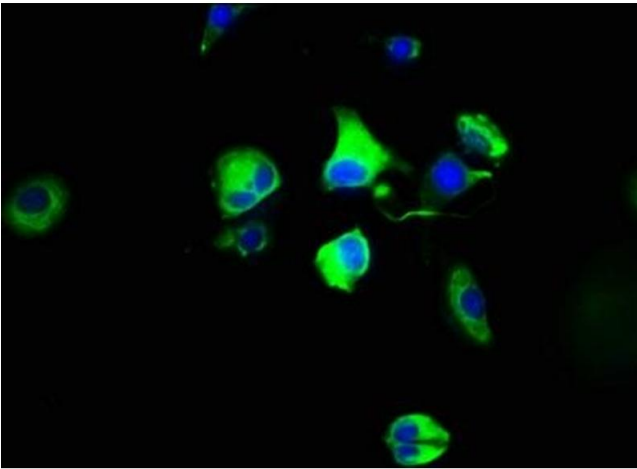
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7142640 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7142640 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescence staining of MCF-7 cells with ABIN7142640 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).