



[Go to Product page](#)

Datasheet for ABIN7265341

anti-HTR7 antibody

3 Images

Overview

Quantity:	100 µL
Target:	HTR7
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HTR7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	5HT7 Receptor Rabbit mAb
Immunogen:	A synthesized peptide derived from human 5HT7 Receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	HTR7
Alternative Name:	HTR7 (HTR7 Products)
Background:	The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral

Target Details

functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [provided by RefSeq, Jul 2008],5-HT7,Endocrine & Metabolism,Endocrine and metabolic diseases,Endocrine and metabolic diseases_Obesity,G protein signaling,G protein signaling_G-Protein-Coupled Receptors(GPCR),Neuroscience,Signal Transduction,HTR7

Molecular Weight: 54kDa

Gene ID: 3363

UniProt: [P34969](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

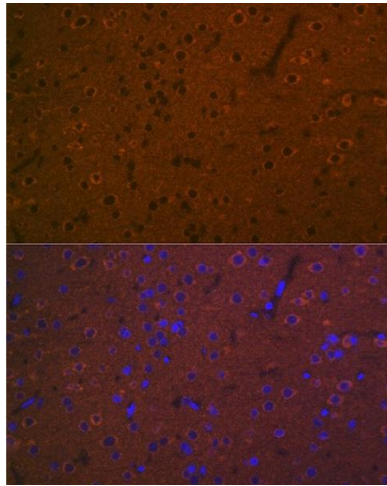
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

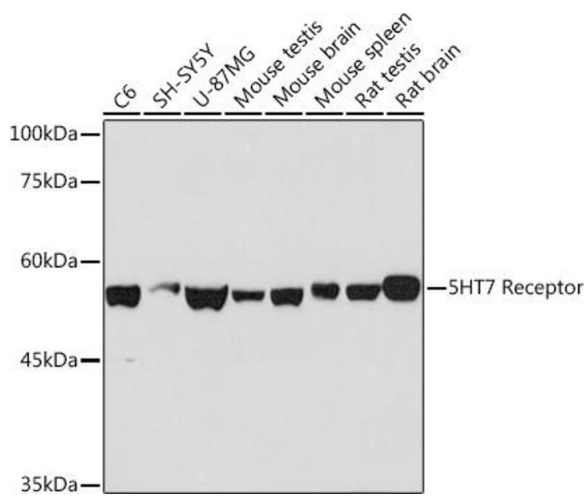
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



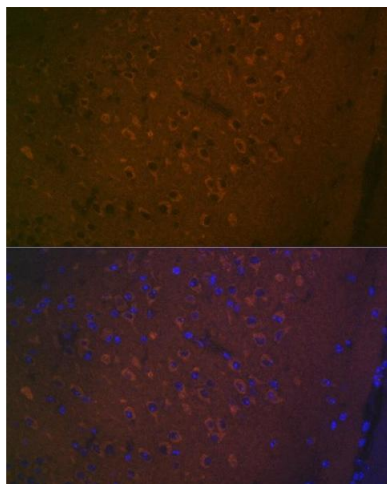
Immunofluorescence

Image 1. Immunofluorescence analysis of rat brain using 5HT7 Receptor Rabbit mAb (ABIN7265341) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using 5HT7 Receptor Rabbit mAb (ABIN7265341) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of mouse brain using 5HT7 Receptor Rabbit mAb (ABIN7265341) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.