

Datasheet for ABIN6262420

anti-HTR3D antibody

4 Images

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Overview

Quantity:	100 µL
Target:	HTR3D
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR3D antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human HTR3D
Isotype:	IgG
Specificity:	HTR3D Antibody detects endogenous levels of total HTR3D
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	HTR3D
Alternative Name:	HTR3D (HTR3D Products)
Background:	Description: This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a

Target Details

biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor is a ligand-gated ion channel, which when activated causes fast, depolarizing responses. It is a cation-specific, but otherwise relatively nonselective, ion channel.
Gene: HTR3D

Molecular Weight: 50 kDa

Gene ID: 200909

UniProt: [Q70Z44](#)

Application Details

Application Notes: WB 1:1000-3000, IF/ICC 1:100-1:500

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.

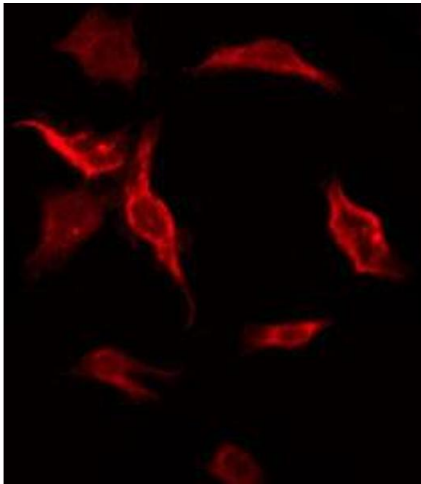
Preservative: Sodium azide

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

Storage: -20 °C

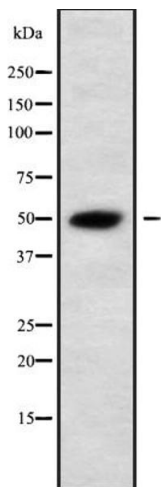
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt

Expiry Date: 12 months



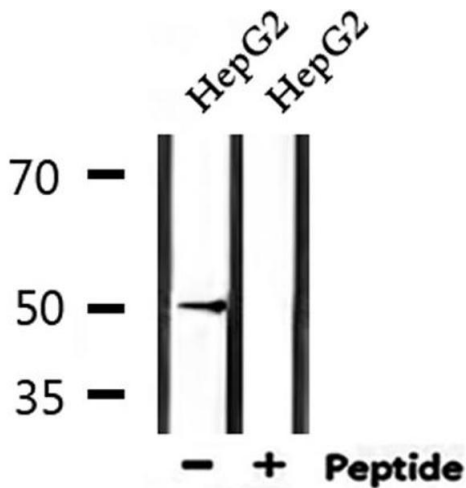
Immunofluorescence (fixed cells)

Image 1. ABIN6272672 staining HT-29 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) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of HTR3D using COLO205 whole cell lysates



Western Blotting

Image 3. Western blot analysis of extracts from HepG2, using HTR3D Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6262420.