

Datasheet for ABIN7142632  
**anti-HTR3D antibody (AA 107-210)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	HTR3D
Binding Specificity:	AA 107-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR3D antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human 5-hydroxytryptamine receptor 3D protein (107-210AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HTR3D
Alternative Name:	HTR3D ( <a href="#">HTR3D Products</a> )
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. This

## Target Details

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.

Aliases: HTR3D5-hydroxytryptamine receptor 3D antibody, 5-HT3-D antibody, 5-HT3D antibody, Serotonin receptor 3D antibody

UniProt: [Q70Z44](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

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

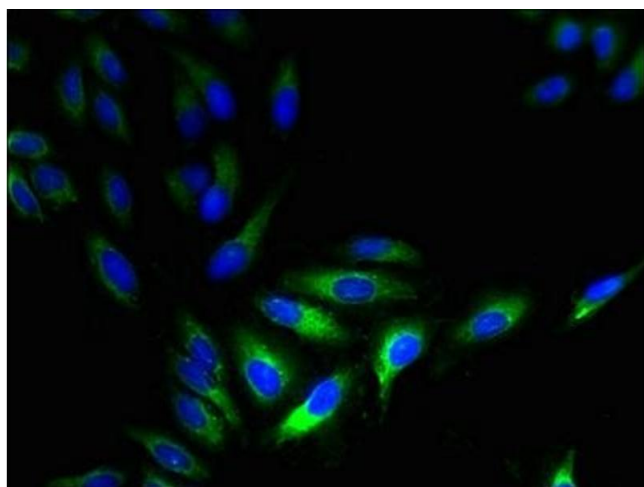
Preservative: ProClin

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

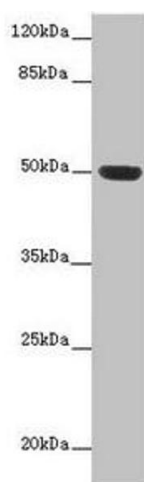
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HeLa cells using ABIN7142632 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### Western Blotting

**Image 2.** Western blot All lanes: HTR3D antibody at 2  $\mu$ g/mL + HeLa whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 51, 31, 26, 46 kDa Observed band size: 51 kDa