

Datasheet for ABIN7270237  
**anti-5HT1D antibody (AA 150-250)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	5HT1D (HTR1D)
Binding Specificity:	AA 150-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 5HT1D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Purpose:	HTR1D Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human HTR1D (NP_000855.1).
Sequence:	RTAGHAATMI AIVWAISICI SIPPLFWRQA KAEEMSDCL VNTSQISYTI YSTCGAFYIP SVLLIILYGR IYRAARNRIL NPPSLYGKRF TTAHLITGSA G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

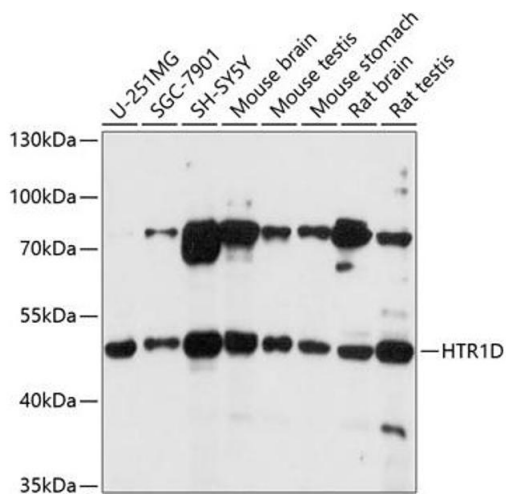
Target:	5HT1D (HTR1D)
Alternative Name:	HTR1D ( <a href="#">HTR1D Products</a> )
Background:	G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for ergot alkaloid derivatives, various anxiolytic and antidepressant drugs and other psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. Regulates the release of 5-hydroxytryptamine in the brain, and thereby affects neural activity. May also play a role in regulating the release of other neurotransmitters. May play a role in vasoconstriction.,HTR1D,5-HT1D,HT1DA,HTR1DA,HTRL,RDC4,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Endocrine & Metabolism,Endocrine and metabolic diseases,Obesity,Neuroscience,HTR1D
Molecular Weight:	41kDa
Gene ID:	3352
UniProt:	<a href="#">P28221</a>
Pathways:	<a href="#">JAK-STAT Signaling</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using HTR1D antibody (ABIN7270237) 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: 10s.