

Datasheet for ABIN2792273 anti-HTR2A antibody (N-Term)

1 Image



Overview

100 μL
HTR2A
N-Term
Human, Mouse, Pig
Rabbit
Polyclonal
This HTR2A antibody is un-conjugated
Western Blotting (WB)
The immunogen is a synthetic peptide directed towards the N terminal region of human HTR2A
DILCEENTSL SSTTNSLMQL NDDTRLYSND FNSGEANTSD AFNWTVDSEN
Human: 100%, Mouse: 78%, Pig: 92%
This is a rabbit polyclonal antibody against HTR2A. It was validated on Western Blot using a cell lysate as a positive control.
Affinity Purified
HTR2A
HTR2A (HTR2A Products)

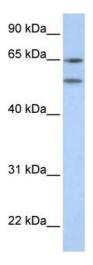
Target Details

Background:	HTR2A belongs to the G-protein coupled receptor 1 family. It 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 receptor mediates its action by association
	with G proteins that activate a phosphatidylinositol-calcium second messenger system. This
	receptor is involved in tracheal smooth muscle contraction, bronchoconstriction, and control of
	aldosterone production.
	Alias Symbols: 5-HT2A, HTR2
	Protein Interaction Partner: LYN, CBL, NDUFB10, ANKS1B, MRPL28, EIF3F, DLG4, PON2, NME3,
	GNAQ, PPP5C, MAP1A, RPS6KA3, NTRK3, JAK2, GNA11, GNAI1, GLUL,
	Protein Size: 471
Molecular Weight:	52 kDa
Gene ID:	3356
NCBI Accession:	NM_000621, NP_000612
UniProt:	P28223
Pathways:	JAK-STAT Signaling, Inositol Metabolic Process, Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 471 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
Precaution of Use:	•
Precaution of Use:	should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HTR2A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721_B cell lysate HTR2A is supported by BioGPS gene expression data to be expressed in 721_B