

Datasheet for ABIN6142072

anti-Serotonin Receptor 3A antibody (AA 24-241)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µL
Target:	Serotonin Receptor 3A (HTR3A)
Binding Specificity:	AA 24-241
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 24-241 of human HTR3A (NP_000860.2).
Sequence:	LAQGEARRSR NTTRPALLRL SDYLLTNYRK GVRPVRDWRK PTTVSIIDVIV YAILNVDEKN QVLTTYIWYR QYWTDEFLQW NPEDFDNITK LSIPTDSIWV PDILINEFVD VGKSPNIPYV YIRHQGEVQN YKPLQVVTAC SLDIYNFPFD VQNCSTFTS WLHTIQDINI SLWRLPEKVK SDRSVFMNQG EWELGVLPHY FREFSMESSN YYAEMKFY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

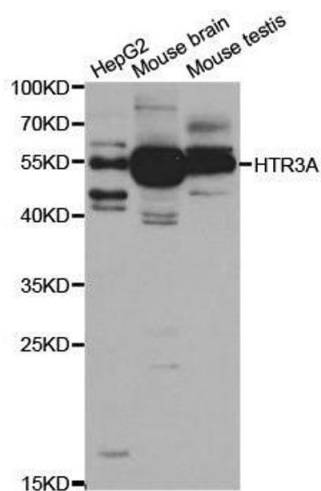
Target:	Serotonin Receptor 3A (HTR3A)
Alternative Name:	HTR3A (HTR3A Products)
Background:	<p>The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified.,HTR3A,5-HT-3,5-HT3A,5-HT3R,5HT3R,HTR3,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Endocrine & Metabolism,Endocrine and metabolic diseases,Obesity,Neuroscience,Cell Type Marker,Neuron marker,HTR3A</p>
Molecular Weight:	53 kDa/55 kDa/58 kDa/59 kDa
Gene ID:	3359
UniProt:	P46098
Pathways:	Synaptic Membrane

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

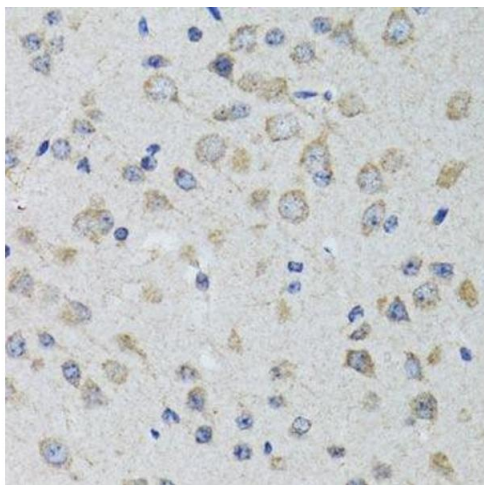
Handling

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.



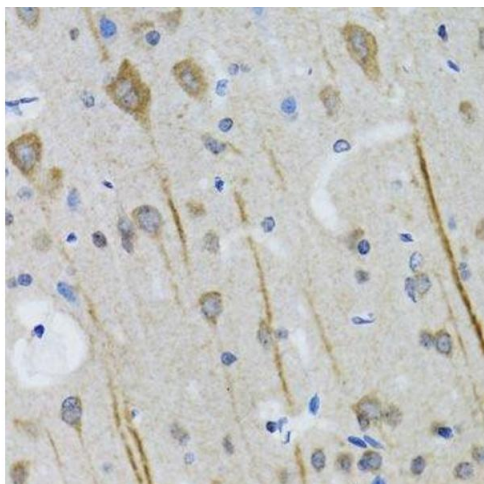
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HTR3A antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded rat brain using HTR3A antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded mouse brain using HTR3A antibody.