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Datasheet for ABIN1394863

## anti-HTR2A antibody (AA 51-150) (Biotin)

### Overview

Quantity:	100 µL
Target:	HTR2A
Binding Specificity:	AA 51-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR2A antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human 5HT2A Receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	HTR2A
Alternative Name:	5HT2A Receptor ( <a href="#">HTR2A Products</a> )

## Target Details

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Background:	<p>Synonyms: SR-2A, 5 HT 2, 5 HT 2A, 5 HT2 receptor, 5 HT2A, 5 hydroxytryptamine receptor 2A, 5-HT-2, 5-HT-2A, 5-hydroxytryptamine 2A receptor, 5-hydroxytryptamine receptor 2A, 5HT2A_HUMAN, HTR 2, HTR 2A, HTR2, HTR2A, Serotonin receptor 2A.</p> <p>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 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.</p>
Gene ID:	3356
UniProt:	<a href="#">P28223</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Inositol Metabolic Process</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

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Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months