

For Research Use Only

# HTR3A Polyclonal antibody

Catalog Number: 29685-1-AP

1 Publications



## Basic Information

Catalog Number:

29685-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31317

GenBank Accession Number:

BC002354

GeneID (NCBI):

3359

UNIPROT ID:

P46098

Full Name:

5-hydroxytryptamine (serotonin)  
receptor 3A

Calculated MW:

55 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

WB : mouse lung tissue, mouse testis tissue

## Background Information

HTR3A (5-hydroxytryptamine receptor 3A, 5-HT3A) belongs to the ligand-gated ion channel receptor superfamily. It is the subunit A of the type 3 receptor for 5-hydroxytryptamine (5-HT, serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. So far, five distinct 5-HT3 receptor subunits (A-E) have been identified. HTR3A can form functional homomers or heteromers with HTR3B or HTR3C or HTR3D or HTR3E. 5-HT3 receptors are capable of mediating fast excitatory neurotransmission in the CNS and peripheral nervous system (PNS). (PMID: 23038271; 17073663)

## Notable Publications

Author	Pubmed ID	Journal	Application
Fan Gao	40554896	Phytomedicine	IHC

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

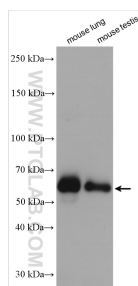
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29685-1-AP (HTR3A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.