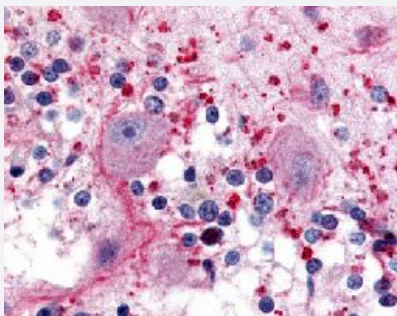


# HTR5A polyclonal antibody

Catalog # PAB16408

Size 50 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human cerebellum with HTR5A polyclonal antibody (Cat # PAB16408).

## Specification

|                            |                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of HTR5A.                                                                                 |
| <b>Immunogen</b>           | A synthetic peptide (conjugated with KLH) corresponding to human HTR5A.                                                                               |
| <b>Host</b>                | Rabbit                                                                                                                                                |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                     |
| <b>Specificity</b>         | 3rd Cytoplasmic domain of human.                                                                                                                      |
| <b>Form</b>                | Liquid                                                                                                                                                |
| <b>Purification</b>        | Immunoaffinity purification                                                                                                                           |
| <b>Recommend Usage</b>     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS (0.09% sodium azide)                                                                                                                           |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -80°C.<br>Aliquot to avoid repeated freezing and thawing.                                                |

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human cerebellum with HTR5A polyclonal antibody (Cat # PAB16408).

## Gene Info — HTR5A

Entrez GeneID [3361](#)

Protein Accession# [P47898](#)

Gene Name HTR5A

Gene Alias 5-HT5A, MGC138226

Gene Description 5-hydroxytryptamine (serotonin) receptor 5A

Omim ID [601305](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. The gene described in this record is a member of 5-hydroxytryptamine (serotonin) receptor family and encodes a multi-pass membrane protein that functions as a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca<sup>2+</sup> mobilization. [provided by RefSeq]

**Other Designations** 5-hydroxytryptamine receptor 5A

## Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cognition](#)
- [Disease Susceptibility](#)
- [Fatigue](#)
- [Fatigue Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Mood Disorders](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)