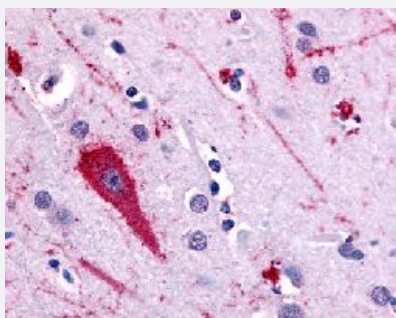


HTR5A polyclonal antibody

Catalog # PAB16258

Size 50 ug

Applications



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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain (cortex) with HTR5A polyclonal antibody (Cat # PAB16258).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HTR5A.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human HTR5A.
Host	Rabbit
Reactivity	Bovine, Dog, Guinea pig, Horse, Human, Monkey, Mouse, Rat
Specificity	1st extracellular domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. 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 brain (cortex) with HTR5A polyclonal antibody (Cat # PAB16258).

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 Ca²⁺ 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](#)