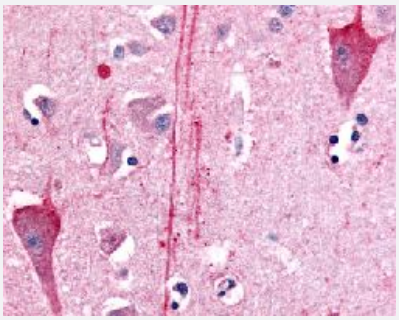
HTR7 polyclonal antibody

Catalog # PAB16407 Size 50 ug

Applications



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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain (cortex) with HTR7 polyclonal antibody (Cat # PAB16407).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HTR7.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human HTR7.
Host	Rabbit
Reactivity	Dog, Human, Monkey
Specificity	N-terminal 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.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d 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 HTR7 polyclonal antibody (Cat # PAB16407).

Gene Info — HTR7

Entrez GeneID	3363
Protein Accession#	P34969
Gene Name	HTR7
Gene Alias	5-HT7
Gene Description	5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled)
Omim ID	182137
Gene Ontology	Hyperlink
Gene Summary	The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functi ons. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neurops ychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [provided by RefSeq
Other Designations	5-hydroxytryptamine receptor 7|OTTHUMP00000020077|OTTHUMP00000020078|OTTHUMP00 000020079|serotonin 5-HT-7 receptor

Pathway

- Calcium signaling pathway
- Neuroactive ligand-receptor interaction

Disease

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- Acute Disease
- Alcoholism
- Alzheimer Disease
- Anorexia Nervosa
- Autistic Disorder
- Bulimia
- Cognition
- Cognition Disorders
- Fatigue
- Fatigue Syndrome
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Mental Disorders
- Migraine Disorders
- Psychiatric Status Rating Scales
- Schizophrenia
- Schizophrenic Psychology
- Weight Gain

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