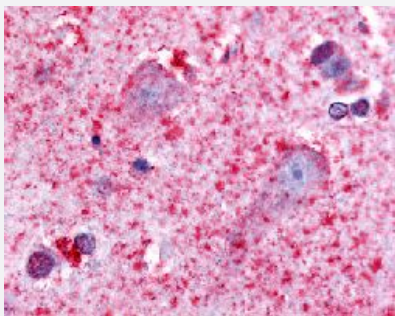


HTR7 polyclonal antibody

Catalog # PAB16400

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 # PAB16400).

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	Human
Specificity	3rd Cytoplasmic 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 HTR7 polyclonal antibody (Cat # PAB16400).

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 functions. 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 neuropsychiatric 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|OTTHUMP0000020079|serotonin 5-HT-7 receptor

Pathway

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

Disease

- [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](#)