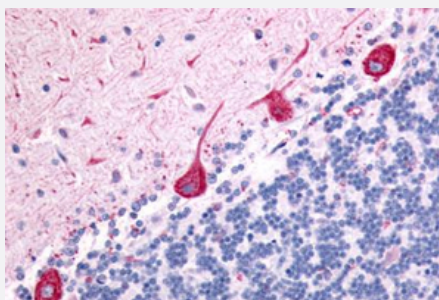


HTR7 polyclonal antibody

Catalog # PAB25576

Size 50 ug

Applications



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

Immunohistochemical staining of formalin-fixed, paraffin-embedded human brain, cerebellum tissue after heat-induced antigen retrieval. Using HTR7 polyclonal antibody (Cat # PAB25576).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HTR7.
Immunogen	A synthetic peptide corresponding to 20 amino acids at N-terminal extracellular domain of human HTR7.
Host	Rabbit
Reactivity	Dog, Human, Monkey
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
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)

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Using HTR7 polyclonal antibody (Cat # PAB25576).

Gene Info — HTR7

Entrez GeneID [3363](#)

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](#)