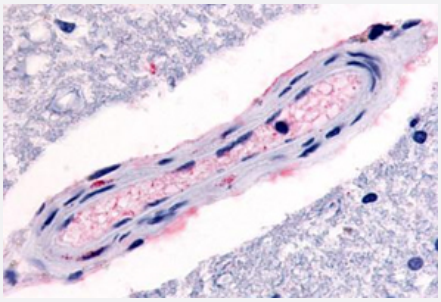
HTR4 polyclonal antibody

Catalog # PAB25575 Size 50 ug

Applications



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

Immunohistochemical staining of formalin-fixed, paraffin-embedded human brain, vessel tissue after heat-induced antigen retrieval.
Using HTR4 polyclonal antibody (Cat # PAB25575).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HTR4.
Immunogen	A synthetic peptide corresponding to 20 amino acids at C-terminus of human HTR4.
Host	Rabbit
Reactivity	Horse, Human, Monkey, Pig
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) (7-17 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

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Gene Info — HTR4

Entrez GeneID	3360
Gene Name	HTR4
Gene Alias	5-HT4, 5-HT4R
Gene Description	5-hydroxytryptamine (serotonin) receptor 4
Omim ID	602164
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the family of serotonin receptors, which are G protein coupled receptor s that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene produ ct is a glycosylated transmembrane protein that functions in both the peripheral and central nervou s system to modulate the release of various neurotransmitters. Multiple transcript variants encodin g proteins with distinct C-terminal sequences have been described, but the full-length nature of so me transcript variants has not been determined. [provided by RefSeq
Other Designations	5-hydroxytryptamine4 receptor|cardiac 5-HT4 receptor|serotonin 5-HT4 receptor

Pathway

- Calcium signaling pathway
- Neuroactive ligand-receptor interaction

Disease

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- Attention Deficit Disorder with Hyperactivity
- Bipolar Disorder
- Cognition
- Fatigue
- Fatigue Syndrome
- Genetic Predisposition to Disease
- Lung Diseases
- Mental Disorders
- Migraine Disorders
- Pulmonary Disease
- Schizophrenia
- Schizophrenic Psychology
- Weight Gain

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