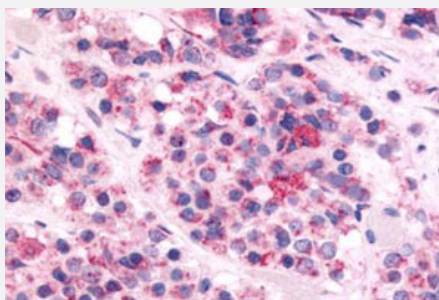


HCRT1 polyclonal antibody

Catalog # PAB26606

Size 50 ug

Applications



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

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain, anterior pituitary cells with HCRT1 polyclonal antibody (Cat # PAB26606). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HCRT1.
Immunogen	A synthetic peptide corresponding to 16 amino acids from C-terminus of human HCRT1.
Host	Rabbit
Reactivity	Dog, 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) (14 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, anterior pituitary cells with HCRT1 polyclonal antibody (Cat # PAB26606). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Gene Info — HCRT1

Entrez GeneID [3061](#)

Protein Accession# [O43613](#)

Gene Name HCRT1

Gene Alias OX1R

Gene Description hypocretin (orexin) receptor 1

Omim ID [602392](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein selectively binds the hypothalamic neuropeptide orexin A. A related gene (HCRT2) encodes a G-protein coupled receptor that binds orexin A and orexin B. [provided by RefSeq]

Other Designations OTTHUMP00000003951|hypocretin receptor 1|hypocretin receptor-1|orexin receptor 1|orexin receptor-1

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)
- [Hyponatremia](#)
- [Mental Disorders](#)
- [NARP](#)
- [Schizophrenia](#)