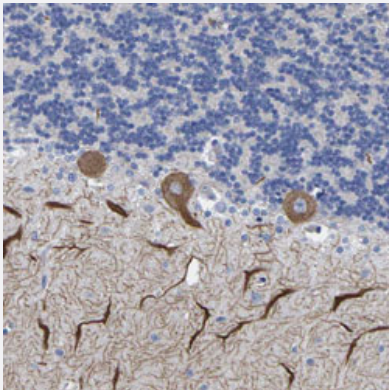


HCRTR1 polyclonal antibody

Catalog # PAB30478

Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebellum with HCRTR1 polyclonal antibody (Cat # PAB30478) shows moderate cytoplasmic positivity in Purkinje cells at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human HCRTR1.
Immunogen	Recombinant protein corresponding to human HCRTR1.
Sequence	MEPSATPGAQMGVPPGSREPSVPPDYEDFLRYLWRDYLYPEKQYEWV
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°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 staining (Formalin-fixed paraffin-embedded sections) of human cerebellum with HCRT1 polyclonal antibody (Cat # PAB30478) shows moderate cytoplasmic positivity in Purkinje cells at 1:20-1:50 dilution.

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](#)