

HCRT1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15214**Specification**

HCRT1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O43613
Other Accession	NM_001525 , NP_001516
Reactivity	Human, Rabbit, Horse
Predicted	Human, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47kDa KDa

HCRT1 antibody - C-terminal region - Additional Information**Gene ID** 3061**Alias Symbol** **OX1R****Other Names**

Orexin receptor type 1, Ox-1-R, Ox1-R, Ox1R, Hypocretin receptor type 1, HCRT1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-HCRT1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

HCRT1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

HCRT1 antibody - C-terminal region - Protein Information**Name** HCRT1 ([HGNC:4848](#))**Function**

Moderately selective excitatory receptor for orexin-A and, with a lower affinity, for orexin-B neuropeptide (PubMed: [26950369](http://www.uniprot.org/citations/26950369), PubMed: [9491897](http://www.uniprot.org/citations/9491897)). Triggers an increase in cytoplasmic Ca(2+) levels in response to orexin-A binding (PubMed: [26950369](http://www.uniprot.org/citations/26950369), PubMed: [9491897](http://www.uniprot.org/citations/9491897)).

Cellular Location

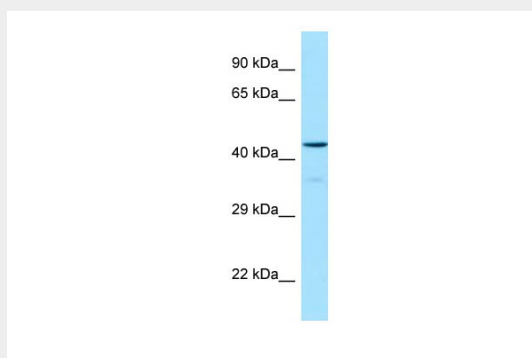
Cell membrane; Multi-pass membrane protein

HCRT1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HCRT1 antibody - C-terminal region - Images



Host: Rabbit

Target Name: HCRT1

Antibody Dilution: 1.0µg/ml

Sample Tissue: Human brain

HCRT1 antibody - C-terminal region - References

Sakurai T.,et al.Cell 92:573-585(1998).

Peyron C.,et al.Nat. Med. 6:991-997(2000).

Olafsdottir B.R.,et al.Neurology 57:1896-1899(2001).

Yeager M.,et al.Submitted (DEC-2001) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).