

DNAxPAb

Hard-to-Find
Antibody

HCRT1 DNAxPAb

Catalog # H00003061-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human HCRT1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HCRT1

Entrez GeneID	3061
GeneBank Accession#	BC074796.2
Protein Accession#	AAH74796.1
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	OTTHUMP0000003951 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](#)