

HCRT Antibody

Catalog No: #40204

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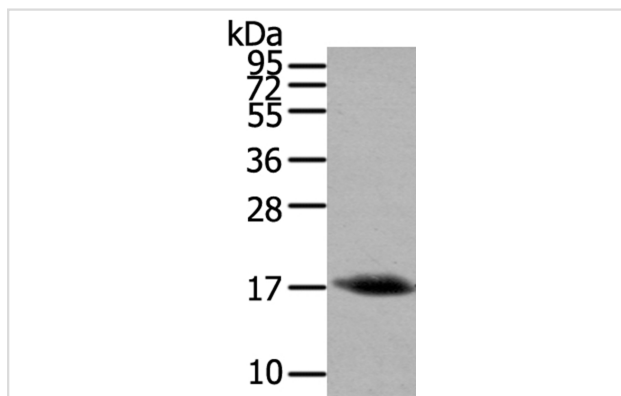
Description

Product Name	HCRT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HCRT protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human hypocretin (orexin) neuropeptide precursor
Target Name	HCRT
Other Names	OX; PPOX; NRCLP1
Accession No.	Swiss-Prot:O43612Gene Accssion:NP_001515
Uniprot	O43612
GeneID	3060;
SDS-PAGE MW	13KD
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 12%SDS-PAGE
 Lysate: 40ug Mouse muscle tissue
 Primary antibody: 1/200 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 40 seconds

Background

This gene encodes a hypothalamic neuropeptide precursor protein that gives rise to two mature neuropeptides, orexin A and orexin B, by proteolytic

processing. Orexin A and orexin B, which bind to orphan G-protein coupled receptors HCRTR1 and HCRTR2, function in the regulation of sleep and arousal. This neuropeptide arrangement may also play a role in feeding behavior, metabolism, and homeostasis.

Note: This product is for in vitro research use only