

## HCRT antibody

### Product Information

Catalog No.:	FNab10485
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### 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 HCRT1 and HCRT2, function in the regulation of sleep and arousal. This neuropeptide arrangement may also play a role in feeding behavior, metabolism, and homeostasis.

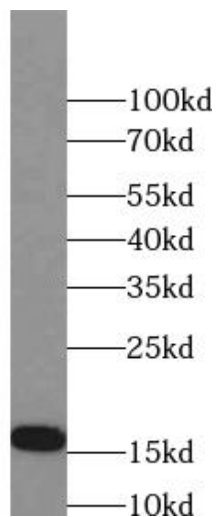
### Immunogen information

Immunogen:	Orexin
Synonyms:	Hypocretin neuropeptide precursor Hypocretin (Hcrt) Orexin precursor Prepro-orexin Preprohypocretin Orexin-A Alternative names: Hypocretin-1 (Hcrt1) Orexin-B Alternative names: Hypocretin-2 (Hcrt2) HCRT OX PPORX PPOX
Observed MW:	16 kDa
Uniprot ID :	O43612

### Application

Reactivity:	Mouse
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab10485(HCRT antibody) at dilution of 1:1000