

## Anti-HCRT(Orexin-B) antibody

<b>Cat. No.</b>	ml163595
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-HCRT(Orexin-B) rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human HCRT(Orexin-B)
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1.1 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	HCRT
<b>Full name</b>	hypocretin neuropeptide precursor
<b>Synonyms</b>	OX; PPOX; NRCLP1
<b>Swissprot</b>	O43612

### Target Background

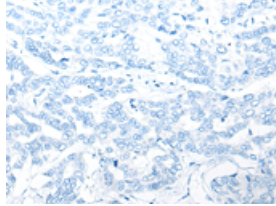
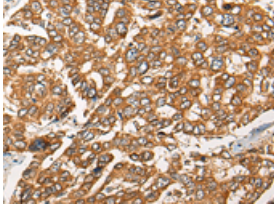
This gene encodes a hypothalamic neuropeptide precursor protein that gives rise to two mature neuropeptides, orexin A and orexin B, by proteolytic processing. Orexin A and orexin B, which bind to orphan G-protein coupled receptors HCRTR1 and HCRTR2, function in the regulation of sleep and arousal. This neuropeptide arrangement may also play a role in feeding behavior, metabolism, and homeostasis.

订购热线: 4008-898-798

### Applications

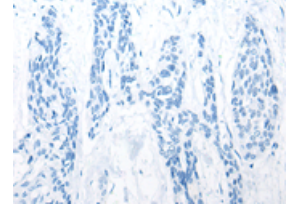
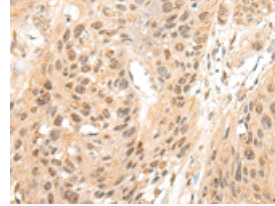
#### Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus  
Positive control: Human liver cancer  
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml163595(HCRT(Orexin-B) Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm or Nucleus  
Positive control: Human esophagus cancer  
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml163595(HCRT(Orexin-B) Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

#### ELISA

Recommended dilution: 5000-10000

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