



[Go to Product page](#)

Datasheet for ABIN7003270

## anti-Orexin antibody

### 1 Image

#### Overview

Quantity:	20 µL
Target:	Orexin (OX)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Orexin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Immunogen:	Synthetic peptide of human HCRT
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	Orexin (OX)
Alternative Name:	<a href="#">HCRT (OX Products)</a>
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

## Target Details

behavior, metabolism, and homeostasis.

Molecular Weight: 13 kDa

NCBI Accession: [NP\\_001515](#)

UniProt: [O43612](#)

Pathways: [Synaptic Membrane](#), [Feeding Behaviour](#)

## Application Details

Application Notes: WB 1:500-2000, ELISA 1:2000-5000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

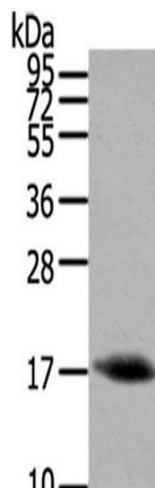
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western Blot analysis of Mouse muscle tissue using HCRT Polyclonal Antibody at dilution of 1/200