

Datasheet for ABIN2788098  
**anti-Orexin antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	Orexin (OX)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Horse, Rabbit, Sheep, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Orexin antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Rat Hcrt2
Sequence:	SCRLYELLHG AGNHAAGILT LGKRRPGPPG LQGRLQRLQ ANGNHAAGIL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 93%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against Hcrt. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

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

## Target Details

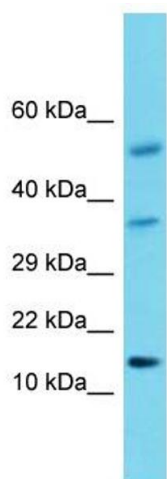
Background:	Hcrt2 (Orexin-B) is a neuropeptide and is involved in feeding behavior and hormone secretion regulation. Alias Symbols: Hcrt2 Protein Interaction Partner: Hcrt1, Protein Size: 130
Molecular Weight:	14 kDa
Gene ID:	25723
NCBI Accession:	<a href="#">NM_013179</a> , <a href="#">NP_037311</a>
UniProt:	<a href="#">O55232</a>
Pathways:	<a href="#">Synaptic Membrane</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 130 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** Host: Rabbit Target Name: Hcrt Sample Type: Rat Testis lysates Antibody Dilution: 1.0ug/ml