

Datasheet for ABIN263226

## anti-HCRTR1 antibody (Internal Region)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	HCRTR1
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HCRTR1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

#### Product Details

Purpose:	OX1R and OX2R
Immunogen:	Peptide with sequence C-YNFLSGKFREQFK, from the internal region of the protein sequence according to NP_001516.2, NP_001517.2.
Sequence:	YNFLSGKFRE QFK
Isotype:	IgG
Specificity:	This antibody is expected to recognise both the human proteins OX1R and OX2R.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	HCRT1
Alternative Name:	HCRT1 ( <a href="#">HCRT1 Products</a> )
Background:	OX1R, OX2R, HCRT1, hypocretin (orexin) receptor 1, hypocretin receptor 1, hypocretin receptor-1, orexin receptor 1, orexin receptor-1, HCRT2, hypocretin (orexin) receptor 2, hypocretin receptor 2, hypocretin receptor-2, orexin receptor 2, orexin receptor
Gene ID:	3061, 3062, 230777
NCBI Accession:	<a href="#">NP_001516</a> , <a href="#">NP_001517</a>
Pathways:	<a href="#">Feeding Behaviour</a>

## Application Details

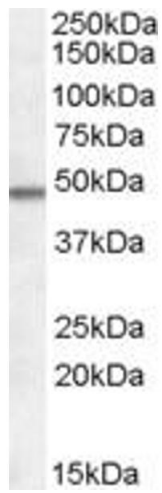
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Application Notes:	Western Blot: Approx 48 kDa band observed in Human Brain (Frontal Cortex), Mouse Brain and Rat Brain lysates (calculated MW of 47.5 kDa according to NP_001516.1 and NP_001517.1). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



#### Western Blotting

**Image 1.** ABIN263226 (0.5µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.