



Datasheet for ABIN5539487
anti-HCRTR2 antibody (AA 405-419)



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1 Image

Overview

Quantity:	100 µg
Target:	HCRTR2
Binding Specificity:	AA 405-419
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HCRTR2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Orexin Receptor 2 (aa405-419)
Sequence:	KSLTTQISNF DNISK
Isotype:	IgG
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

Target:	HCRTR2
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Target Details

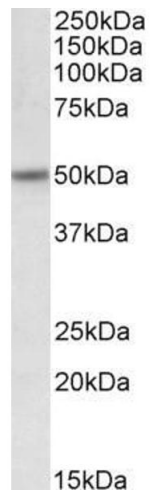
Alternative Name:	HCRT2 (HCRT2 Products)
Background:	HCRT2, hypocretin (orexin) receptor 2, OX2R, hypocretin receptor type 2, orexin receptor type 2, ox-2-R, ox2-R
Gene ID:	3062, 387285, 25605
NCBI Accession:	NP_001517
Pathways:	Feeding Behaviour

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Mouse fetal Brain lysates (calculated MW of 52.5 kDa according to Mouse NP_945200.1). Recommended concentration: 0.5-2 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

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. ABIN5539487 (0.5µg/ml) staining of Mouse fetal Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.