

Rabbit HCRT2 Polyclonal Antibody | anti-HCRT2 antibody

HCRT2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284459	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

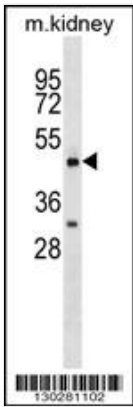
PRODUCT SYNONYMS

HCRT2; Polyclonal Antibody; HCRT2 Antibody (Center); Orexin receptor type 2; Ox-2-R; Ox2-R; Ox2R; Hypocretin receptor type 2; anti-HCRT2 antibody

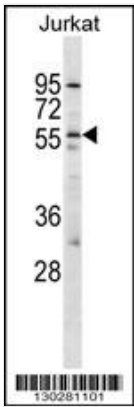
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HCRT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 275-304 amino acids from the Central region of human HCRT2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	275-304
Sequence Length	444
Applicable Applications for anti-HCRT2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
HCRT2 Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the HCRT2 antibody detected the HCRT2 protein (arrow).



WB (Western Blot)
HCRT2 Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the HCRT2 antibody detected the HCRT2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HCRT2 antibody	The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRT1) encodes a G-protein coupled receptor that selectively binds orexin A.
Product Categories/Family for anti-HCRT2 antibody	Metabolism; Neuroscience; Signal Transduction; GPCR Antibodies
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) : Chen, J., et al. Biochem. J. 427(3):377-390(2010) Fellay, J., et al. PLoS Genet. 5 (12), E1000791 (2009) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	222080109
NCBI GeneID	3062
NCBI Accession #	NP_001517.2
NCBI GenBank Nucleotide #	NM_001526.3
UniProt Accession #	O43614; Q5VTM0
Molecular Weight	50694
NCBI Official Full Name	orexin receptor type 2
NCBI Official Synonym Full Names	hypocretin (orexin) receptor 2
NCBI Official Symbol	HCRT2
NCBI Official Synonym Symbols	OX2R
NCBI Protein Information	orexin receptor type 2
UniProt Protein Name	Orexin receptor type 2
UniProt Gene Name	HCRT2
UniProt Synonym Gene Names	Ox-2-R; Ox2-R; Ox2R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hcrtr2-antibody-western-blot-elisa/284459>