

# GOAT ANTI-OREXIN RECEPTOR 2 ANTIBODY

**SKU:** EB08124

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	orexin receptor 2 hypocretin receptor-2 OX2R HCRT2 hypocretin (orexin) receptor 2 OTTHUMP00000039969
<b>Accession ID</b>	NP_001517.1
<b>Blocking Peptide</b>	EBP08124
<b>Immunogen</b>	Peptide with sequence GTKLEDSPPCRN, from the N Terminus of the protein sequence according to NP_001517.1.
<b>Peptide Sequence</b>	GTKLEDSPPCRN
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Dog, Pig, Cow
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	3062
<b>Rat Gene ID</b>	25605
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:128000.
<b>Western Blot</b>	Approx 50kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 50.7kDa according to NP_001517.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
<b>Application Type</b>	Pep-ELISA, WB

## SELECTED REFERENCES

[{"pmid": 38493173, "intro": "**This antibody has been successfully used in ICC on Mouse:**", "title": "Lateral hypothalamus orexinergic projection to the medial prefrontal cortex"}]

modulates chronic stress-induced anhedonia but not anxiety and despair.", "author": "Danlei Liu et al.", "journal": "Transl Psychiatry. 2024 Mar 16;14(1):149."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

