



www.everestbiotech.com

Email: customerservice@vectorlabs.com

Telephone: [\(650\) 697-3600](tel:(650)697-3600)

GOAT ANTI-OREXIN RECEPTOR 2 ANTIBODY

SKU: EB08124



250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa



SPECIFICATIONS

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

