



www.everestbiotech.com

Email: customerservice@vectorlabs.com

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

GOAT ANTI-OREXIN RECEPTOR 2 (AA405-419) ANTIBODY

SKU: EB10833



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	ox2-R ox-2-R orexin receptor type 2 hypocretin receptor type 2 OX2R hypocretin (orexin) receptor 2 HCRTR2
Accession ID	NP_001517.2
Blocking Peptide	EBP10833
Immunogen	Peptide with sequence C-KSLTTQISNFDNISK, from the internal region (near C Terminus) of the protein sequence according to NP_001517.2.
Peptide Sequence	C-KSLTTQISNFDNISK
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, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Mouse
Human Gene ID	3062
Mouse Gene ID	387285
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 1:32000.
Western Blot	Approx 50kDa band observed in Mouse fetal Brain lysates (calculated MW of 52.5kDa according to Mouse NP_945200.1). Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB



SELECTED REFERENCES

[{"pmid": 38301648, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A role for the cerebellum in motor-triggered alleviation of anxiety.", "author": "Xiao-Yang Zhang, Wen-Xia Wu, Li-Ping Shen, Miao-Jin Ji, Peng-Fei Zhao, Lei Yu, Jun Yin, Shu-Tao Xie, Yun-Yong Xie, Yang-Xun Zhang, Hong-Zhao Li, Qi-Peng Zhang, Chao Yan, Fei Wang, Chris I De Zeeuw, Jian-Jun Wang, Jing-Ning Zhu", "journal": "Neuron. 2024 Apr 3;112(7):1165-1181.e8."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

