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GOAT ANTI-CRHR1 / CRF-R (AA 107 - 117) ANTIBODY

SKU: EB08035



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	seven transmembrane helix receptor corticotropin releasing hormone receptor variant 1h CRHR1f CRHR CRH-R1h CRFR1 CRF1 corticotropin releasing hormone receptor 1 CRF-R CRHR1
Accession ID	NP_004373.2
Blocking Peptide	EBP08035
Immunogen	Peptide with sequence C-NEEKKSKVHYH, from the internal region of the protein sequence according to NP_004373.2.
Peptide Sequence	C-NEEKKSKVHYH
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
Reactive Species	Human
Human Gene ID	1394
Mouse Gene ID	12921
Rat Gene ID	58959
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. 55kDa band observed in Human Duodenum lysates and in preliminary testing of Human Ovary lysate (calculated MW of 47.7kDa according to NP_004373.2). This molecular weight is observed by other commercial sources, and was blocked by incubation with the immunizing peptide. A band at 48kDa was also observed in preliminary testing of Rat Testes lysate. Recommended concentration: 2-3ug/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB



SELECTED REFERENCES

[{"pmid": 0, "intro": "**This antibody (previous batch) has been successfully used in ICC/IF on Rat:**", "title": "EPAC2 is required for corticotropin-releasing hormone-mediated spine loss", "author": "Zhong Xie, Peter Penzes, Deepak P. Srivastava", "journal": "April 2019: doi: <https://doi.org/10.1101/607598>"}, {"pmid": 31199033, "intro": "**This antibody (previous batch) has been successfully used in ICC on Rat:**", "title": "Exchange protein directly activated by cAMP 2 is required for corticotropin-releasing hormone-mediated spine loss.", "author": "Xie Z, Penzes P, Srivastava DP", "journal": "Eur J Neurosci. 2019 Jun 14."}, {"pmid": 32051550, "intro": "**This antibody (previous batch) has been successfully used in ICC on Mouse:**", "title": "A CRHR1 antagonist prevents synaptic loss and memory deficits in a trauma-induced delirium-like syndrome.", "author": "Silvia Cursano, Chiara R. Battaglia, Carolina Urrutia-Ruiz, Stefanie Grabrucker, Michael Schön, Jürgen Bockmann, Sonja Braumüller, Peter Radermacher, Francesco Roselli, Markus Huber-Lang, and Tobias M. Boeckers", "journal": "Mol Psychiatry. 2021; 26(8): 3778-3794."}, {"pmid": 37881549, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Genetic Tagging Uncovers a Robust, Selective Activation of the Thalamic Paraventricular Nucleus by Adverse Experiences Early in Life.", "author": "Cassandra L. Kooiker, Yuncai Chen, Matthew T. Birnie, and Tallie Z. Baram", "journal": "Biol Psychiatry Glob Open Sci. 2023 Jan 24;3(4):746-755."}, {"pmid": 22570383, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Activation of neuropeptide S expressing neurons in the locus coeruleus by corticotropin-releasing factor.", "author": "Jüngling K, Liu X, Lesting J, Coulon P, Sosulina L, Reinscheid RK, Pape HC.", "journal": "J Physiol. 2012 May 8."}, {"pmid": 22345550, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Mouse:**", "title": "Nuclear factor-E2-related factor 2 is a major determinant of bile acid homeostasis in the liver and intestine.", "author": "Weerachayaphorn J, Mennone A, Soroka CJ, Harry K, Hagey LR, Kensler TW, Boyer JL.", "journal": "Am J Physiol Gastrointest Liver Physiol. 2012 May 1;302(9):G925-36."}, {"pmid": 26077803, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Mouse:**", "title": "Short-term modern life-like stress exacerbates A β -pathology and synapse loss in 3xTg-AD mice.", "author": "Baglietto-Vargas D, Chen Y, Suh D, Ager RR, Rodriguez-Ortiz CJ, Medeiros R, Myczek K, Green KN, Baram TZ, LaFerla FM.", "journal": "J Neurochem. 2015 Sep;134(5):915-26."}]

DOCUMENTS

- [Data Sheet](#)



GALLERY IMAGES





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