

Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

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

**SKU:** EB08035



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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

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 Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

**Shipping** 

Instructions

Refrigerated

**Predicted** 

**Species** 

Human, Mouse, Rat

Reactive

**Species** 

Human 1394

Human

Gene ID

Mouse

Gene ID

12921

**Product** 

**Rat Gene ID** 58959

**Grade** 

FLISA

**Detection** Antibody detection limit dilution 1:32000.

Limit

Blot

Western

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

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room temperature.

**Application** 

**Type** 

Pep-ELISA, WB



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## 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 hormonemediated 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?-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

## **GALLERY IMAGES**

Sep;134(5):915-26."}]





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