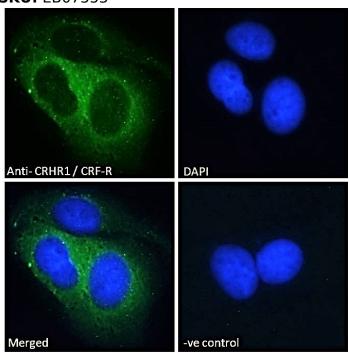


Telephone: (650) 697-3600

GOAT ANTI-CRHR1 / CRF-R (AA 250 - 263) ANTIBODY

SKU: EB07553



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

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / **Alias**

seven transmembrane helix receptor|corticotropin releasing hormone receptor variant 1h|CRHR1f|CRHR|CRH-R1h|CRFR1|CRF1|corticotropin releasing hormone receptor 1|CRF-R|CRHR1

Names Usage

Immunofluorescence: Expression of the protein seen in the cytoplasm and vesicles of MCF7

Summary

cells. Recommended concentration: $10\mu g/ml$.

Accession ID

NP_004373.2

Blocking Peptide

EBP07553

Peptide with sequence KLYYDNEKCWFGKR, from the internal region of the protein sequence according to Immunogen NP_004373.2.





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

Peptide KLYYDNFKCWFGKR

Sequence

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

Method the immunizing peptide.

Refrigerated Refrigerated Shipping

Predicted

Human, Mouse, Rat, Dog, Cow, Sheep Species

Reactive

Human, Mouse **Species**

Human

1394 Gene ID

Mouse

12921 Gene ID

Rat Gene ID 58959

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png Grade

IHC Results Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

ELISA

Detection Antibody detection limit dilution 1:1000.

Limit

Western This antibody has been successfully used in WB on Mouse: Hunt AJ Jr et al, Brain Struct Funct. 2018

Blot Jul;223(6):2685-2698. PMID: 29569009.

Application

Pep-ELISA, WB, IF, IHC Type

SELECTED REFERENCES

[{"pmid": 31737064, "intro": "This antibody has been successfully used on Rat:", "title": "Electroacupuncture Regulates Disorders of Gut-Brain Interaction by Decreasing Corticotropin-Releasing Factor in a Rat Model of IBS", "author": "Ying Chen, Yan Zhao, Dan-ni Luo, Hui Zheng , Ying Li, and Si-yuan Zhou", "journal": "Gastroenterology Research and Practice Volume 2019, Article ID 1759842"}, {"pmid": 29569009, "intro": "This antibody has been successfully used in Western blot on Mouse:", "title":

"Paraventricular hypothalamic and amygdalar CRF neurons synapse in the external globus pallidus.", "author": "Hunt AJ Jr, Dasgupta R, Rajamanickam S, Jiang Z, Beierlein M, Chan CS, Justice NJ", "journal": "Brain Struct Funct. 2018 Jul;223(6):2685-2698."}, {"pmid": 24155300, "intro": "This antibody (previous batch) has been successfully used in ICC on Rat:", "title": "NMDA Receptor Activation and Calpain Contribute to Disruption of Dendritic Spines by the Stress Neuropeptide CRH", "author": "Adrienne L. Andres, Limor Regev, Lucas Phi, Ronald R. Seese, Yuncai Chen, Christine M. Gall and Tallie Z. Baram", "journal": "J Neurosci. 2013 Oct 23;33(43):16945-60."}, {"pmid": 29352046, "intro": "This antibody (previous batch) has been successfully used in IF on Mouse:", "title": "Local Corticotropin-Releasing Factor Signaling in the Hypothalamic Paraventricular Nucleus.", "author": "Jiang Z, Rajamanickam S, Justice NJ.", "journal": "J Neurosci. 2018 Feb 21;38(8):1874-1890."}]







GALLERY IMAGES

