

Product Datasheet

Corticotropin Releasing Factor Antibody - Azide and BSA Free NB110-81721

Unit Size: 0.02 mg

Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NB110-81721**Corticotropin Releasing Factor Antibody - Azide and BSA Free**

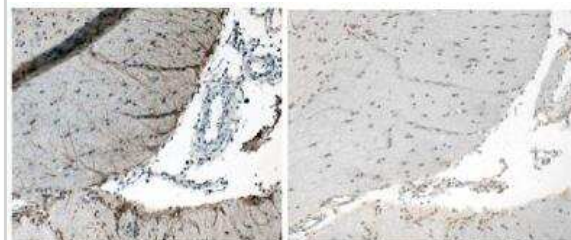
Product Information	
Unit Size	0.02 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 0.02 ml sterilized water.
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.05X PBS

Product Description	
Host	Sheep
Gene ID	1392
Gene Symbol	CRH
Species	Human, Mouse, Rat, Guinea Pig (Negative)
Reactivity Notes	This antibody recognises CRF in Human, Rat and Mouse. There is no Cross-reactivity with Guinea Pig.
Specificity/Sensitivity	Specific for Corticotropin Releasing Factor. Confirmed by Immunohistochemical analysis of Paraffin Embedded Rat Brain (Hypothalamus).
Immunogen	An 18 amino acid synthetic CRF peptide (H-CEQLAQQAHSNRKLMEII-OH), conjugated to Keyhole Limpet Hemocyanin (KLH).

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA 1:100-1:10, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:10-1:500

Images

Immunohistochemistry: Corticotropin Releasing Factor Antibody [NB110-81721] - Immunohistochemical detection of Corticotropin Releasing Factor in Rat Hypothalamic Brain Tissue using a 1ug/ml dilution of Affinity Purified Sheep Anti-CRF . Left is tested using antibody. Right is testing using negative control antibody.



Publications

Chen Z, Zhou T, Li Y et al. Paraventricular Mast Cell-Derived Histamine Activates CRH Neurons to Mediate Adult Visceral Hypersensitivity Induced by Neonatal Maternal Separation *Brain sciences* 2023-11-16 [PMID: 38002554]

Wang Y, Zhang Y, Shi Z et al. Exposure of male mice to perfluorooctanoic acid induces anxiety-like behaviors by increasing corticotropin-releasing factor in the basolateral amygdala complex *Chemosphere* 2022-01-01 [PMID: 34826932] (IF/IHC, Mouse)

Nass SR, Lark ARS, Hahn YK et al. HIV-1 Tat and morphine decrease murine inter-male social interactions and associated oxytocin levels in the prefrontal cortex, amygdala, and hypothalamic paraventricular nucleus *Hormones and behavior* 2021-06-22 [PMID: 34171549]

Song Y, Meng Q, Wu K et al. Disinhibition of PVN-projecting GABAergic neurons in AV region in BNST participates in visceral hypersensitivity in rats *Psychoneuroendocrinology* 2020-01-01 [PMID: 32417623] (IF/IHC, Rat)

Aguiniga LM, Searl TJ, Rahman-Enyart A et al. Acyloxyacyl hydrolase modulates voiding activity *Am. J. Physiol. Renal Physiol.* 2020-01-31 [PMID: 32003596]

Aguiniga, LM;Yang, W;Yaggie, RE;Schaeffer, AJ;Klumpp, DJ, ; ACYLOXYACYL HYDROLASE MODULATES DEPRESSIVE-LIKE BEHAVIORS THROUGH ARYL HYDROCARBON RECEPTOR *Am. J. Physiol. Regul. Integr. Comp. Physiol.* 2019-04-24 [PMID: 31017816] (IHC-P, Mouse)

Lee B, Shim I, Lee H et al. Tetramethylpyrazine reverses anxiety-like behaviors in a rat model of post-traumatic stress disorder *Korean J Physiol Pharmacol* 2018-08-29 [PMID: 30181699] (ELISA, Rat)

Zhu J, Chen Z, Meng Z et al. Electroacupuncture Alleviates Surgical Trauma-Induced Hypothalamus Pituitary Adrenal Axis Hyperactivity Via microRNA-142. *Front Mol Neurosci.* 2017-10-12 [PMID: 29021740] (ICC/IF, Rat)

El Yamani FZ, Yon L, Guerin M, El Ouezzani S et al. Immunocytochemical distribution of EM66 within the hypothalamic parvocellular paraventricular nucleus: Colocalization with CRH and TRH but no plasticity related to acute stress and thyroidectomy in the rat. *Regul Pept* 2013-01-16 [PMID: 23333484] (ICC/IF, IF/IHC, Rat)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB110-81721

NBL1-09475	Corticotropin Releasing Factor Overexpression Lysate
HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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