

Product Datasheet

CRHR1/CRF1 Antibody - BSA Free NLS1778

Unit Size: 0.05 ml

Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.

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NLS1778

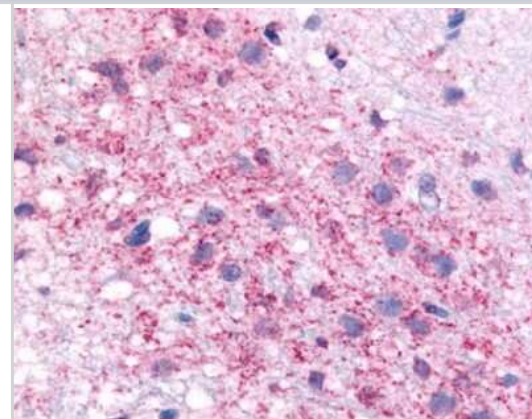
CRHR1/CRF1 Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Description	Product can be stored undiluted at 4C for up to 1 month.
Host	Rabbit
Gene ID	1394
Gene Symbol	CRHR1
Species	Human, Rat
Reactivity Notes	Summary of Expression: CRFR1 has been reported to be expressed in the pituitary, adrenal gland, brain, colon, ovary, placenta, testis, white blood cells, and skin. ESTs have been isolated from human brain, eye, colon, and embryo libraries. Predicted cross-reactivity based on sequence identity: Marmoset (94%), Rat (82%).
Specificity/Sensitivity	Human CRF1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Immunogen	Synthetic 17 amino acid peptide from N-terminal extracellular domain of human CRHR1/CRF1.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot, Immunohistochemistry 13 ug/ml, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 13 ug/ml, Knockdown Validated
Application Notes	Use in ICC/IF reported in scientific literature (PMID : 29082104). Knockdown validation (PMID: 31881185). Use in Western Blot reported in scientific literature (PMID:31881185).

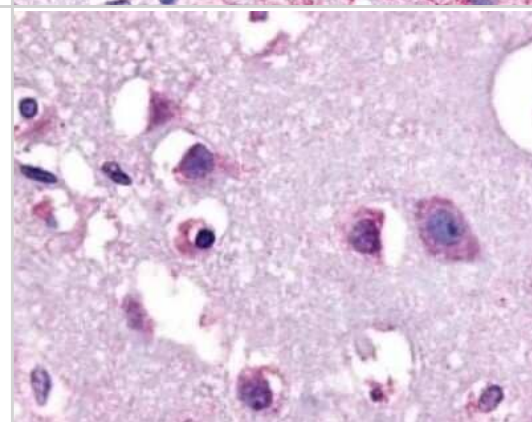


Images

Immunohistochemistry-Paraffin: CRHR1/CRF1 Antibody [NLS1778] - Analysis of anti-CRF1 antibody with rat hypothalamus.



Immunohistochemistry-Paraffin: CRHR1/CRF1 Antibody [NLS1778] - Analysis of anti-CRF1 antibody with human brain, neurons and glia at 13 ug/ml.



Publications

Zalachoras I, Astori S, Meijer M et al. Opposite effects of stress on effortful motivation in high and low anxiety are mediated by CRHR1 in the VTA Science advances 2022-03-25 [PMID: 35319997] (IF/IHC, Rat)

Ventura-Silva AP, Borges S, Sousa N Amygdalar corticotropin-releasing factor mediates stress-induced anxiety Brain Res. 2019-12-24 [PMID: 31881185] (WB, KD, Rat)

Li J, Baird MA, Davis MA et al. Dramatic enhancement of the detection limits of bioassays via ultrafast deposition of polydopamine. Nat Biomed Eng 2017-06-05 [PMID: 29082104] (ICC/IF, Human)



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 NLS1778

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001394-G01	Recombinant Human CRHR1/CRF1 Protein

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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