

Rabbit anti-Human CRH Polyclonal Antibody | anti-CRH antibody

CRH Antibody

CATALOG # AAA40784	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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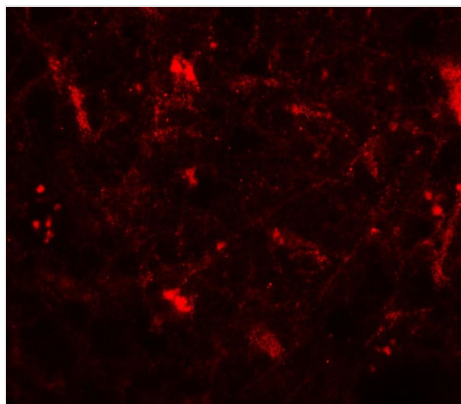
PRODUCT SYNONYMS

CRH; Polyclonal Antibody; CRH Antibody; CRF; Corticoliberin; Corticotropin-releasing factor; corticotropin releasing hormone; anti-CRH antibody

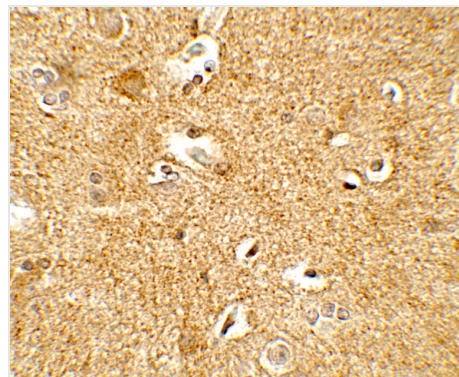
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CRH antibody is human specific.
Purity/Purification	CRH antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	196
Applicable Applications for anti-CRH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CRH antibody was raised against a 16 amino acid peptide near the amino terminus of human CRH.
Buffer	CRH antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CRH antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

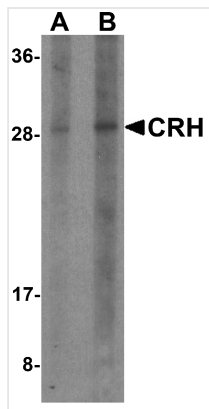
IMAGES


IF (Immunofluorescence)

Immunofluorescence of CRH in human brain tissue with CRH antibody at 20 &#956;g/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of CRH in human brain tissue with CRH antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of CRH in human placenta tissue lysate with CRH antibody at (A) 1 and (B) 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CRH antibody	Corticotropin-releasing hormone (CRH) is secreted by the paraventricular nucleus (PVN) of the hypothalamus in response to stress (1). In addition to production in the hypothalamus, this protein is also synthesized in peripheral tissues, such as T lymphocytes and is highly expressed in the placenta where it is a marker that determines the length of gestation and the timing of parturition and delivery. A rapid increase in circulating levels of the hormone occurs at the onset of parturition, suggesting that, in addition to its metabolic functions, this protein may act as a trigger for parturitio (2). Marked reduction in this protein has been observed in association with Alzheimer disease (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503041
NCBI GeneID	1392
NCBI Accession #	NP_000747
NCBI GenBank Nucleotide #	NM_000756.2
UniProt Accession #	P06850; B3KQS4
Molecular Weight	Predicted: 22 kDa Observed: 29 kDa
NCBI Official Full Name	corticoliberin preproprotein
NCBI Official Synonym Full Names	corticotropin releasing hormone
NCBI Official Symbol	CRH
NCBI Official Synonym Symbols	CRF; CRH1
NCBI Protein Information	corticoliberin; corticotropin-releasing factor
UniProt Protein Name	Corticoliberin
UniProt Gene Name	CRH
UniProt Synonym Gene Names	CRF
UniProt Entry Name	CRF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

