

Rabbit CRH Polyclonal Antibody | anti-CRH antibody

CRH Antibody

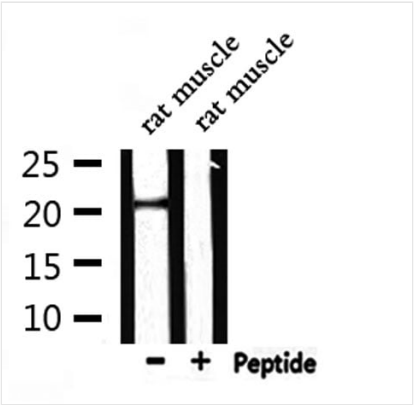
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326038	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

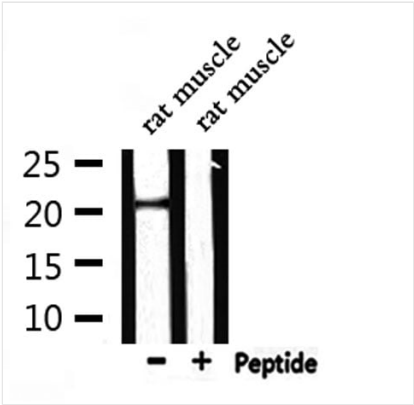
CRH; Polyclonal Antibody; CRH Antibody; Corticoliberin; Corticotropin releasing factor; Corticotropin releasing hormone; CRF; Crh; CRH1; anti-CRH antibody

PRODUCT SPECIFICATIONS

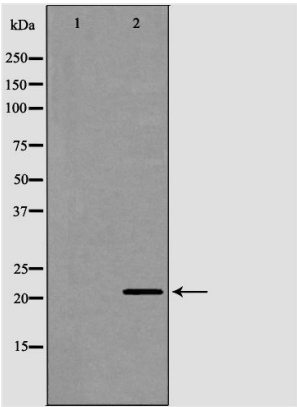
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CRH antibody detects endogenous levels of total CRH
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	196
Applicable Applications for anti-CRH antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CRH
Subcellular Location	Cytoplasmic and Secreted
Tissue Specificity	Produced by the hypothalamus and placenta.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Dog
Similarity	Pig (100%), Bovine (92%), Sheep (92%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



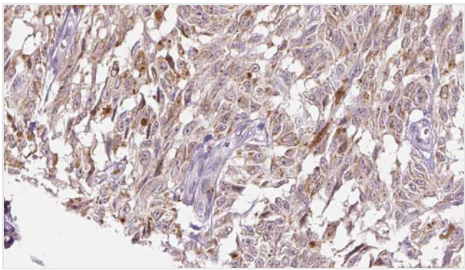
WB (Western Blot)
Western blot analysis of extracts from various samples, using CRH Antibody. lane 1: HUVEC; lane 2: 293;



WB (Western Blot)
Western blot analysis of extracts from rat muscle, using CRH Antibody.



WB (Western Blot)
Western blot analysis of human brain lysate using CRH antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)
AAA326038 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CRH antibody	Description: Corticotropin-releasing hormone is secreted by the paraventricular nucleus (PVN) of the hypothalamus in response to stress. Marked reduction in this protein has been observed in association with Alzheimer disease and autosomal recessive hypothalamic corticotropin deficiency has multiple and potentially fatal metabolic consequences including hypoglycemia and hepatitis. 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. In the placenta 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 parturition. [provided by RefSeq, Apr 2010] Function: Hormone regulating the release of corticotropin from pituitary gland (By similarity). Induces NLRP6 in intestinal epithelial cells, hence may influence gut microbiota profile (By similarity). Subunit Structure: Interacts (via C-terminus) with CRFR1 (via N-terminal extracellular domain). Similarity: Belongs to the sauvagine/corticotropin-releasing factor/urotensin I family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503041
NCBI GeneID	1392
NCBI Accession #	NP_000747.1
NCBI GenBank Nucleotide #	NM_000756.3
UniProt Accession #	P06850; B3KQS4

Molecular Weight	Observed: 21 kDa Predicted: 22 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
UniProt Protein Name	Corticoliberin
UniProt Gene Name	CRH
UniProt Synonym Gene Names	CRF

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/crh-antibody-immunohistochemistry-western-blot-elisa/326038>