

Datasheet for ABIN726805

anti-CRH antibody (AA 185-196) (Cy5.5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CRH
Binding Specificity:	AA 185-196
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRH antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CRF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Pig,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	CRH
Alternative Name:	CRF (CRH Products)

Target Details

Background:	Synonyms: Corticoliberin, Corticoliberin precursor, Corticotropin releasing factor, Corticotropin releasing hormone, Corticotropin releasing hormone deficiency included, crf, crh, crh deficiency included, corticoliberin preproprotein, CRF_HUMAN, Corticotropin-releasing factor, CRF, CRH, Corticotropin-releasing hormone. Background: 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].
Gene ID:	1392
UniProt:	P06850
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Activity , Negative Regulation of Hormone Secretion , cAMP Metabolic Process , Myometrial Relaxation and Contraction , Feeding Behaviour

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months