

Datasheet for ABIN2854316

**anti-CRH antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	CRH
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRH antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CRF. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to CRF (corticotropin releasing hormone) CRF antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	CRH
Alternative Name:	corticotropin releasing hormone ( <a href="#">CRH Products</a> )

## Target Details

**Background:** Corticotropin-releasing hormone (CRH) is a 41-amino acid peptide derived from a 191-amino acid preprohormone. CRH is secreted by the paraventricular nucleus (PVN) of the hypothalamus in response to stress. Marked reduction in CRH 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, CRH is also synthesized in peripheral tissues, such as T lymphocytes and is highly expressed in the placenta. In the placenta CRH is a marker that determines the length of gestation and the timing of parturition and delivery. A rapid increase in circulating levels of CRH occurs at the onset of parturition, suggesting that, in addition to its metabolic functions, CRH may act as a trigger for parturition.

Cellular Localization: Secreted

**Molecular Weight:** 21 kDa

**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:** IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.17 mg/mL

**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

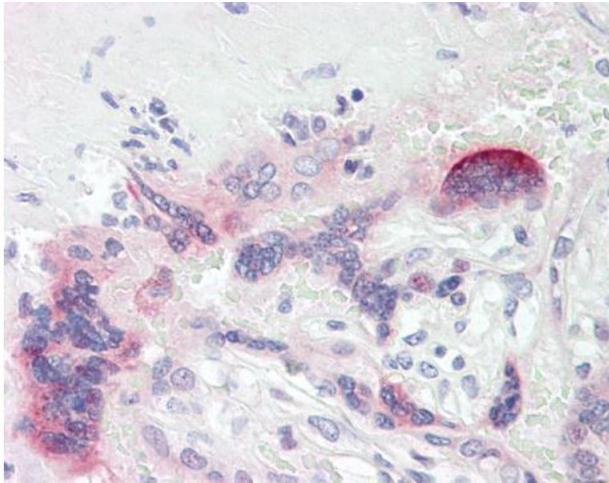
**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

## Validation report #104334 for Multiplex Immunohistochemistry (mIHC)



### Immunohistochemistry

**Image 1.** IHC-P Image CRF antibody [N1C3] detects CRF protein at cytoplasm on human placenta by immunohistochemical analysis. Sample: Paraffin-embedded placenta. CRF antibody [N1C3], dilution: 1:100.