

CRH Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11244b

Specification

CRH Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P06850](#)

CRH Antibody (C-term) Blocking peptide - Additional Information

Gene ID 1392

Other Names

Corticoliberin, Corticotropin-releasing factor, CRF, Corticotropin-releasing hormone, CRH

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CRH Antibody (C-term) Blocking peptide - Protein Information

Name CRH

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).

Cellular Location

Secreted {ECO:0000250|UniProtKB:P06296}.

Tissue Location

Produced by the hypothalamus and placenta.

CRH Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CRH Antibody (C-term) Blocking peptide - Images

CRH Antibody (C-term) Blocking peptide - 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.

CRH Antibody (C-term) Blocking peptide - References

Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :Holliday, K.L., et al. J Psychosom Res 68(5):469-474(2010) Binder, E.B., et al. Arch. Gen. Psychiatry 67(4):369-379(2010) Kageyama, K., et al. Vitam. Horm. 82, 301-317 (2010) :