

## Rabbit polyclonal antibody to human Corticotropin-releasing hormone (1-17): Affinity purified

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| <b>Catalogue No.:</b>    | R-1569-100  |
| <b>Description:</b>      | Corticotropin-releasing hormone (CRH) is a 41 amino acid peptide derived from a prohormone. CRH is secreted from the hypothalamus and is also synthesized in peripheral tissues such as T lymphocytes and is highly expressed in the placenta. CRH regulates the release of corticotropin from the pituitary gland.   |
| <b>Batch No.:</b>        | See product label   |
| <b>Unit size:</b>        | 100 ug  |
| <b>Antigen:</b>          | A synthetic peptide corresponding to a region (1-17 aa) from the N-terminus of Corticotropin-releasing hormone. To enhance the immunological response, this peptide was coupled to carrier protein BSA.   |
| <b>Other Names:</b>      | Corticotropin-releasing hormone; Corticotropin-releasing factor; CRF; CRH; Corticoliberin;  |
| <b>Accession:</b>        | P06850 CRF_HUMAN;   |
| <b>Produced in:</b>      | Rabbit  |
| <b>Purity:</b>           | Affinity purified on antigen column   |
| <b>Applications:</b>     | Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human CRH prohormone has a predicted length of 196 residues and MW of 21 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| <b>Specificity:</b>      | The specificity of this antibody has been confirmed by WB and IHC against the antigen.  |
| <b>Cross-reactivity:</b> | Human; mouse; rat;  |
| <b>Form:</b>             | Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>   |
| <b>Reconstitution:</b>   | Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.   |
| <b>Storage:</b>          | After reconstitution, aliquot and store at -20C for a higher stability and at 2-8C with an appropriate antibacterial agent. Avoid freeze-thaw cycles  |
| <b>Expiry Date:</b>      | 12 months after purchase.   |

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FOR RESEARCH USE ONLY