

Product datasheet for **TA346216**

Corticotropin Releasing Factor (CRH) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-CRH antibody is: synthetic peptide directed towards the C-terminal region of Human CRH. Synthetic peptide located within the following region: GGHQEAPERERRSEPPISLDLTFHLLREVLEMARAEQLAQQAHSNRKLKLM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	corticotropin releasing hormone
Database Link:	NP_000747 Entrez Gene 1392 Human P06850



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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.

Synonyms: CRF; CRH1

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Zebrafish: 93%; Guinea pig: 93%; Sheep: 92%; Bovine: 85%

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Long-term depression

Product images:



Host: Rabbit; Target Name: CRH; Sample Tissue: Placenta lysates; Antibody Dilution: 1.0 ug/ml