

Product datasheet for TA346216

OriGene Technologies, Inc.

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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:

GGHQEAPERERRSEEPPISLDLTFHLLREVLEMARAEQLAQQAHSNRKLM

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

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

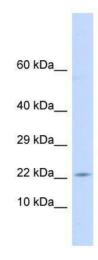
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse:

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