

CRF rabbit pAb

Cat No.: ES4815

For research use only

Overview

Product Name CRF rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human CRF. AA range:104-153

Specificity CRF Polyclonal Antibody detects endogenous levels

of CRF protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Corticoliberin

Gene Name CRH

Cellular localization Secreted.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 1392 Human Swiss-Prot Number P06850

Alternative Names CRH; Corticoliberin; Corticotropin-releasing factor;

CRF; Corticotropin-releasing hormone

Background This gene encodes a member of the

corticotropin-releasing factor family. The encoded preproprotein is proteolytically processed to generate the mature neuropeptide hormone. In response to stress, this hormone is secreted by the paraventricular nucleus (PVN) of the hypothalamus, binds to corticotropin releasing hormone receptors



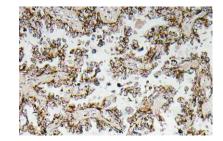
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and stimulates the release of adrenocorticotropic hormone from the pituitary gland. Marked reduction in this protein has been observed in association with Alzheimer's disease. Autosomal recessive hypothalamic corticotropin deficiency has multiple and 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 a

Immunohistochemistry analysis of CRF antibody in paraffin-embedded human lung carcinoma tissue.



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