

CRF Polyclonal Antibody

Catalog No: YT1107

Reactivity: Human; Rat; Mouse;

Applications: IHC;IF;ELISA

Target: CRF

Fields: >>cAMP signaling pathway;>>Neuroactive ligand-receptor interaction;>>Long-

term depression;>>Cushing syndrome;>>Alcoholism

Gene Name: CRH

Protein Name: Corticoliberin

Human Gene Id: 1392

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

CRF. AA range:104-153

P06850

Q8CIT0

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.

Source: Polyclonal, Rabbit, IgG

Dilution: IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

1/2



Molecularweight: 21kD

Cell Pathway: Long-term depression;

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 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

Function: function: This hormone from hypothalamus regulates the release of corticotropin

from pituitary gland., online information: Corticotropin-releasing hormone

entry, similarity: Belongs to the sauvagine/corticotropin-releasing factor/urotensin I

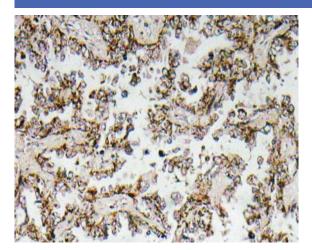
family.,

Subcellular Location:

Secreted.

Expression: Produced by the hypothalamus and placenta.

Products Images



Immunohistochemistry analysis of CRF antibody in paraffinembedded human lung carcinoma tissue.