



CRF Polyclonal Antibody

Catalog No	YP-Ab-15893
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	CRH
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CRH;Corticoliberin;Corticotropin releasing factor;Corticotropin-releasing factor;Corticotropin-releasing hormone;CRF
Observed Band	
Calculated Molecular Weight	21kD
Cell Pathway	Secreted .
Tissue Specificity	Produced by the hypothalamus and placenta.
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.,
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 adrenocorticotrophic 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

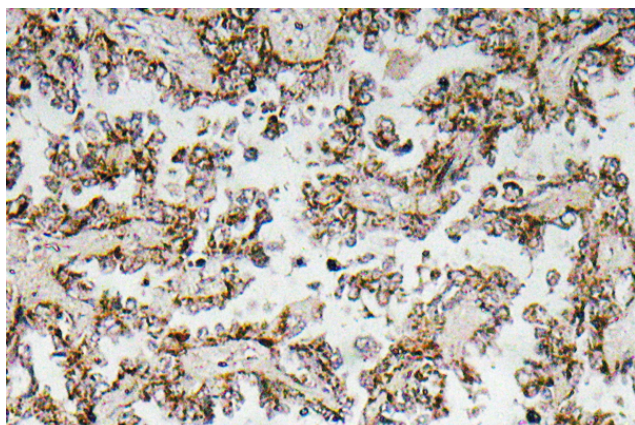
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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