CRH Antibody

Catalog No: #36806

Package Size: #36806-1 50ul #36806-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

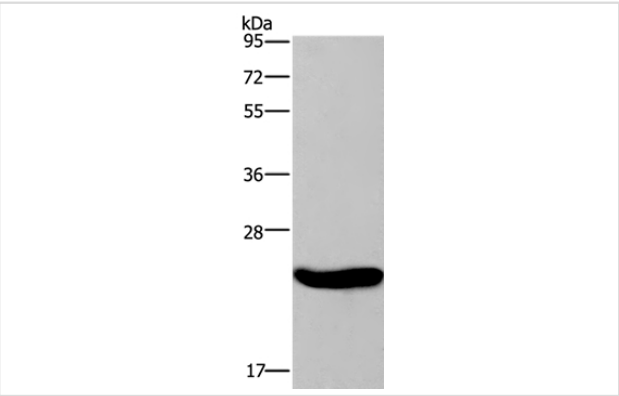
Product Name	CRH Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total CRH protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human corticotropin releasing hormone
Conjugates	Unconjugated
Target Name	CRH
Other Names	CRF
Accession No.	Swiss-Prot#: P06850NCBI Gene ID: 1392Gene Accssion: NP_000747
SDS-PAGE MW	21kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

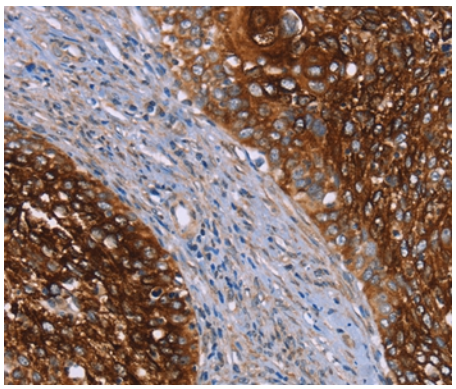
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

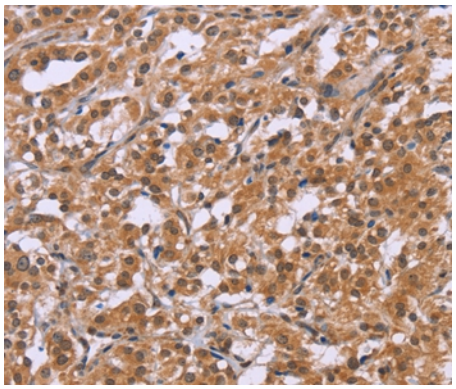
Images



Gel: 8%SDS-PAGE
Lysate: 40ug Human placenta tissue
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36806 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36806 at dilution 1/20.

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.

Published Papers

el at., FoxO3a suppresses neuropeptide W expression in neuronal cells and in rat hypothalamus and its implication in hypothalamic-pituitary-adrenal (HPA) axis, In Int J Biol Sci on 2020 Aug 25 by Fengxia Yan, Rikang Wang, et al..PMID: 33061795, , (2020)

PMID:33061795

el at., Gut microbiota modulates stress-induced hypertension through the HPA axis. In Brain Res Bull on 2020 Sep by Qin Wu, Ziyang Xu, et al..PMID: 32535221, , (2020)

PMID:32535221

Note: This product is for in vitro research use only and is not intended for use in humans or animals.