CRH Antibody

Catalog No: #36806

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



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

Description

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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.