ARG43713
anti-CRH / Corticotropin Releasing Factor antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CRH / Corticotropin Releasing Factor
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CRH / Corticotropin Releasing Factor
Species	Human
Immunogen	Recombinant protein sequence corresponding to the a.a. 25-194 of Human CRF protein.
Conjugation	Un-conjugated
Alternate Names	CRH; Corticoliberin; Corticotropin-releasing hormone; CRF; CRH1; Corticotropin-releasing factor

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 25-30 kDa

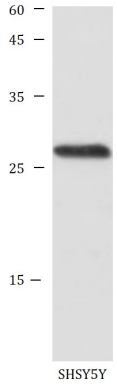
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

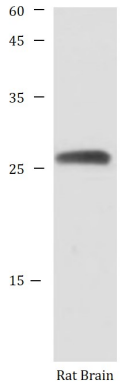
Gene Symbol	CRH
Gene Full Name	corticotropin releasing hormone
Background	Corticotropin-releasing hormone is secreted by the paraventricular nucleus (PVN) of the hypothalamus in response to stress. Marked reduction in this protein has been observed in association with Alzheimer disease and autosomal 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. A rapid increase in circulating levels of the hormone occurs at the onset of parturition, suggesting that, in addition to its metabolic functions, this protein may act as a trigger for parturition. [provided by RefSeq, Apr 2010]
Function	This hormone from hypothalamus regulates the release of corticotropin from pituitary gland. [UniProt]
Calculated Mw	21.4 kDa
PTM	Amidation, Cleavage on pair of basic residues
Cellular Localization	Secreted. [UniProt]

Images



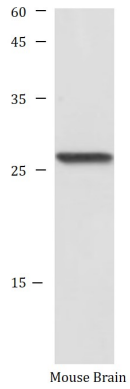
ARG43713 anti-CRH / Corticotropin Releasing Factor antibody WB image

Western blot: SHSY5Y cell lysate stained with ARG43713 anti-CRH / Corticotropin Releasing Factor antibody.



ARG43713 anti-CRH / Corticotropin Releasing Factor antibody WB image

Western blot: Rat brain tissue lysate stained with ARG43713 anti-CRH / Corticotropin Releasing Factor antibody.



ARG43713 anti-CRH / Corticotropin Releasing Factor antibody WB image

Western blot: Mousebrain tissue lysate stained with ARG43713 anti-CRH / Corticotropin Releasing Factor antibody.