bs-0246R

[Primary Antibody]

CRF Rabbit pAb



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- DATASHEFT		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal	-	
GenelD: 1392	SWISS: P06850	
Target: CRF		
Immunogen: Recombinant hum	an CRF protein: 25-196/196.	
Purification: affinity purified by	Protein A	
Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) Glycerol. Shipped at 4°C. Sto freeze/thaw cycles	with 1% BSA, 0.02% Proclin300 and 50 pre at -20°C for one year. Avoid repeate	Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Chicken, Dog, GuineaPig)
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 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, Nov 2015]		Sing factor becaused to be to stress, (PVN) of mone opic this protein ase. Stress including in the the length A rapid he onset of functions, ed by Predicted MW.: 5/22 kDa Subcellular Secreted

– VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with CRF polyclonal antibody, unconjugated (bs-0246R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

- SELECTED CITATIONS -

- [IF=15.071] Balan et al. The GABAA Receptor α2 Subunit Activates a Neuronal TLR4 Signal in the Ventral Tegmental Area that Regulates Alcohol and Nicotine Abuse. (2018) Brain.Sci. 8 WB ;human. 29690521
- [IF=5.96] Balan, Irina, et al. "Innately activated TLR4 signal in the nucleus accumbens is sustained by CRF amplification loop and regulates impulsivity." Brain, Behavior, and Immunity(2017). WB,ICC ;="Rat". 29146239

- [IF=5.923] Lola Torz. et al. NPFF Decreases Activity of Human Arcuate NPY Neurons: A Study in Embryonic-Stem-Cell-Derived Model. Int J Mol Sci. 2022 Jan;23(6):3260 IF ;Human. 35328681
- [IF=6.208] Steven L. Bernstein. et al. Neuroprotection and Neuroregeneration Strategies Using the rNAION Model: Theory, Histology, Problems, Results and Analytical Approaches. INT J MOL SCI. 2022 Jan;23(24):15604 IHC ;Rat. 36555246
- [IF=4.249] Zoratto, F. et al.Intranasal oxytocin administration promotes emotional contagion and reduces aggression in a mouse model of callousness. (2018) Neuropharmacology.Sep 10;143:250-267. IHC ;mouse. 30213592