

**bs-20217R****[ Primary Antibody ]****BioSS**  
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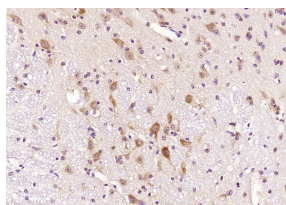
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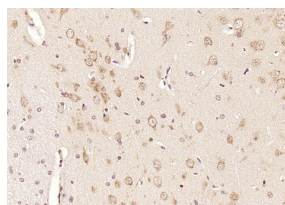
400-901-9800

**CRF1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 1394 <b>Target:</b> CRF1 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CRF1: 151-250/444. < Extracellular > <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> This gene encodes a G-protein coupled receptor that binds neuropeptides of the corticotropin releasing hormone family that are major regulators of the hypothalamic-pituitary-adrenal pathway. The encoded protein is essential for the activation of signal transduction pathways that regulate diverse physiological processes including stress, reproduction, immune response and obesity. Alternative splicing results in multiple transcript variants one of which is a non-coding read-through transcript with the neighboring gene MGC57346.	<b>Isotype:</b> IgG <b>SWISS:</b> P34998	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, Horse) <b>Predicted MW.:</b> 48 kDa <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CRF1) Polyclonal Antibody, Unconjugated (bs-20217R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CRF1) Polyclonal Antibody, Unconjugated (bs-20217R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=3.96]** Xu Huang. et al. Corticotropin-releasing factor receptor agonists decrease interstitial cells of Cajal in murine colon. NEUROGASTROENT MOTIL. 2022 Nov;;e14499 IF, WB ;Mouse. 36377810
- **[IF=3.252]** Ting-Wang Xiong. et al. Beneficial effects of Dendrobium nobile Lindl. Alkaloids (DNLA) on anxiety and depression induced by chronic unpredictable stress in rats. Brain Res. 2021 Nov;1771:147647 IHC ;rat. 34481787