




Rabbit Anti-CRHR1 antibody

SL2791R

Product Name:	CRHR1
Chinese Name:	促肾上腺皮质激素释放激素受体1抗体
Alias:	CRF1; Corticotropin releasing hormone receptor variant 1h;CRF-RI; CRF 1; CRF R; CRFR1; CRH R1h; CRF-R1; CRHR 1; CRHR; CRHR1; CRHR1f; Releasing hormone receptor 1; Seven transmembrane helix receptor; corticotropin releasing hormone receptor 1; Crhr1; Crhr; MGC124237; MGC124240; CRF-R; CRF-R-1; CRF-R1; CRFR-1; CRH-R-1; CRH-R1; CRH-R1h; CRHR; CRHR1L; CRFR1_HUMAN.
文献引用  :	Specific References(1) SL2791R has been referenced in 1 publications. [IF=2.17]Zhu, Xiaoxia, et al. "Xiao Yao San improves depressive-like behavior in rats through modulation of β -arrestin 2 mediated pathways in hippocampus." Evid Based Complement Alternat Med.2014:902516 WB;Rat . PubMed:25097660
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	IHC-P=1:400-800IHC-F=1:400-800 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	48kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CRHR1/CRFR1:301-400/444<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>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.</p> <p>Function: Receptor for corticotropin releasing factor (CRH). Shows high-affinity CRF binding. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.</p> <p>Subunit: Interacts (via N-terminal extracellular domain) with CRF and UCN.</p> <p>Subcellular Location: Cell membrane; Multi-pass membrane protein.</p> <p>Tissue Specificity: Predominantly expressed in the cerebellum, pituitary, cerebral cortex and olfactory lobe.</p> <p>Post-translational modifications: C-terminal Ser or Thr residues may be phosphorylated.</p> <p>Similarity: Belongs to the G-protein coupled receptor 2 family.</p> <p>SWISS: P34998</p> <p>Gene ID: 1394</p> <p>Database links: Entrez Gene: 1394Human Entrez Gene: 12921Mouse Entrez Gene: 58959Rat</p>

[Oimim: 122561](#)Human

[SwissProt: P34998](#)Human

[SwissProt: P35347](#)Mouse

[SwissProt: P35353](#)Rat

[Unigene: 417628](#)Human

[Unigene: 1892](#)Mouse

[Unigene: 10499](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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