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Bhubaneswar, Odisha - 751024, INDIA

11-8023: Polyclonal Antibody to CRHR2

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: CRHR2
Gene ID: 1395
Uniprot ID: Q13324
Format: Purified

Alternative Name: CRHR2,CRF2R,CRH2R

Isotype: Rabbit IgG

Immunogen Information: A partial length recombinant CRHR2 protein (amino acids 1-200) was used as the immunogen for

this antibody.

Description

CRHR2 (CRF2R, CRH2R) (corticotropin releasing hormone receptor 2) belongs to the G-protein coupled receptor 2 family. This receptor has high affinity for corticotropin releasing hormone (CRH) and may also bind to CRH-related peptides, such as, urocortin. The human CRHR2 gene contains 12 exons. Three major functional isoforms have been reported: alpha, beta and gamma encoded by transcripts with alternative first exons which differ from each other by signal sequence and extra-cellular domain. CRH is synthesized in the hypothalamus and plays an important role in coordinating the endocrine, autonomic and behavioral responses to stress and immune challenge. CRHR2 has high expression in brain, caudate nucleus, cerebrum, colon, endometrium, etc.

Product Info

Amount: 25 μg / 100 μg

Purification: Protein A Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Storage condition:

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 0.5-2.0 µg/ml

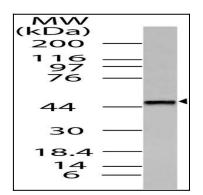


Fig-1: Western blot analysis of CRHR2. Anti- CRHR2 antibody (11-8023) was used at 0.5 μ g/ml on T98G lysate.