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# CRHR2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51116

## Product Information

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|---|---|
| **Application** | WB, IP, IHC-P |
| **Primary Accession** | Q13324 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 47688 |

## Additional Information

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| **Gene ID** | 1395 |
| **Other Names** | Corticotropin-releasing factor receptor 2, CRF-R-2, CRF-R2, CRFR-2, Corticotropin-releasing hormone receptor 2, CRH-R-2, CRH-R2, CRHR2, CRF2R, CRH2R |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CRHR2. The exact sequence is proprietary. |
| **Dilution** | WB~~1:1000 IP~~N/A IHC-P~~N/A |
| **Format** | 0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50% |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

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|---|---|
| **Name** | CRHR2 |
| **Synonyms** | CRF2R, CRH2R |
| **Function** | G-protein coupled receptor for CRH (corticotropin-releasing factor), UCN (urocortin), UCN2 and UCN3. Has high affinity for UCN. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and down-stream effectors, such as adenylate cyclase. Promotes the activation of adenylate cyclase, leading to increased intracellular cAMP levels. |
| **Cellular Location** | Cell membrane; Multi-pass membrane protein |

## Background

G-protein coupled receptor for CRH (corticotropin- releasing factor), UCN (urocortin), UCN2 and UCN3. Has high affinity for UCN. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and down-stream effectors, such as adenylate cyclase. Promotes the activation of adenylate cyclase, leading to increased intracellular cAMP levels.

## References


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