

Anti-CRHR1 Antibody
Rabbit polyclonal antibody to CRHR1
Catalog # AP59991**Specification**

Anti-CRHR1 Antibody - Product Information

Application	WB
Primary Accession	P34998
Other Accession	P35347
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50719

Anti-CRHR1 Antibody - Additional Information**Gene ID** 104909134;1394**Other Names**CRFR; CRFR1; CRHR; Corticotropin-releasing factor receptor 1; CRF-R-1; CRF-R1; CRFR-1;
Corticotropin-releasing hormone receptor 1; CRH-R-1; CRH-R1**Target/Specificity**

Recognizes endogenous levels of CRHR1 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CRHR1 Antibody - Protein Information**Name** CRHR1**Synonyms** CRFR, CRFR1, CRHR**Function**

G-protein coupled receptor for CRH (corticotropin-releasing factor) and UCN (urocortin). Has high affinity for CRH and 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. Inhibits the activity of the calcium channel CACNA1H. Required for normal embryonic development of the adrenal gland and for normal hormonal responses to stress. Plays a role in the

response to angiogenic stimuli.

Cellular Location

Cell membrane; Multi-pass membrane protein. Endosome. Note=Agonist-binding promotes endocytosis

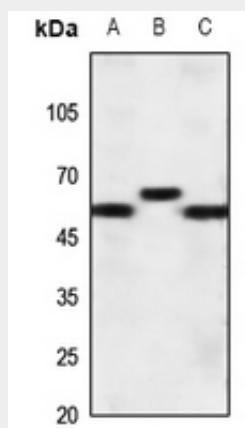
Tissue Location

Predominantly expressed in the cerebellum, pituitary, cerebral cortex and olfactory lobe

Anti-CRHR1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CRHR1 Antibody - Images

Western blot analysis of CRHR1 expression in HEK293T (A), Hela (B), DLD (C) whole cell lysates.

Anti-CRHR1 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CRHR1. The exact sequence is proprietary.