CRHR1 Rabbit Polyclonal Antibody

CAB8409

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

60kDa

Calculated MW:

28kDa/43kDa/46kDa/47kDa/50kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

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. Naturally-occurring readthrough transcription between this gene and upstream GeneID:147081 results in transcripts that encode isoforms that share similarity with the products of this gene.

Immunogen information

Gene ID:
1394

Uniprot
P34998

Synonyms:
CRHR1; CRF-R; CRF-R-1; CRF-R1; CRF1; CRFR-1; CRFR1; CRH-R-1; CRH-R1; CRHR; CRHR1L
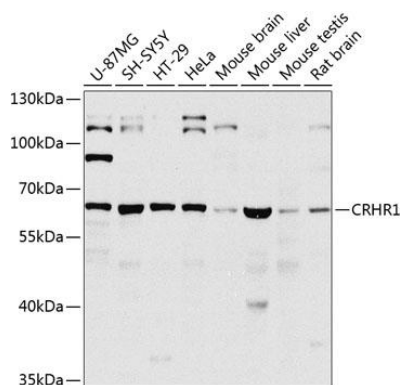
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 24-120 of human CRHR1 (NP_001138618.1).
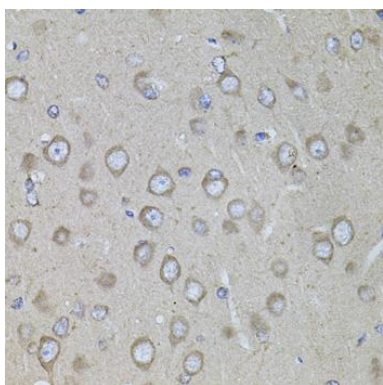
Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
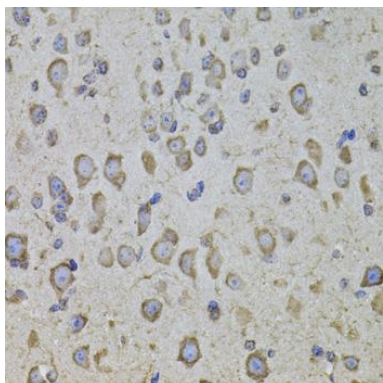
Product Images

Western blot analysis of extracts of various cell lines, using CRHR1 antibody (CAB8409) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 20s.

Immunohistochemistry of paraffin-embedded rat brain using CRHR1 antibody (CAB8409) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded mouse brain using CRHR1 antibody (CAB8409) at dilution of 1:100 (40x lens).