

Rabbit CRHR2 Polyclonal Antibody | anti-CRHR2 antibody

CRHR2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285334	Rabbit	Human (Predicted Reactivity: Rat)	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

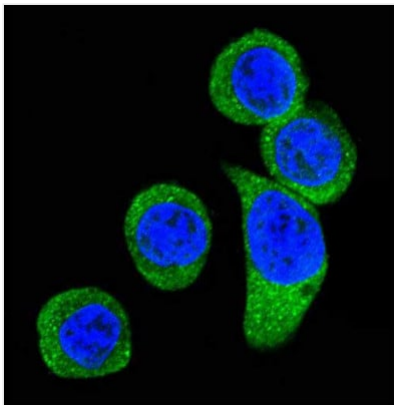
PRODUCT SYNONYMS

CRHR2; Polyclonal Antibody; CRHR2 Antibody (Center); Corticotropin-releasing factor receptor 2; CRF-R-2; CRF-R2; CRFR-2; Corticotropin-releasing hormone receptor 2; CRH-R-2; CRH-R2; CRF2R; CRH2R; anti-CRHR2 antibody

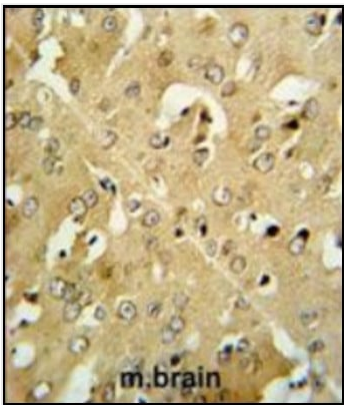
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	IgG
Specificity	This CRHR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-272 amino acids from the Central region of human CRHR2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	243-272
Sequence Length	410
Applicable Applications for anti-CRHR2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
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
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

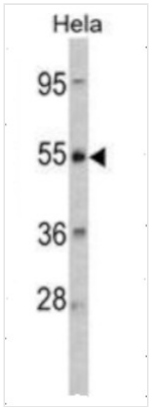
IMAGES



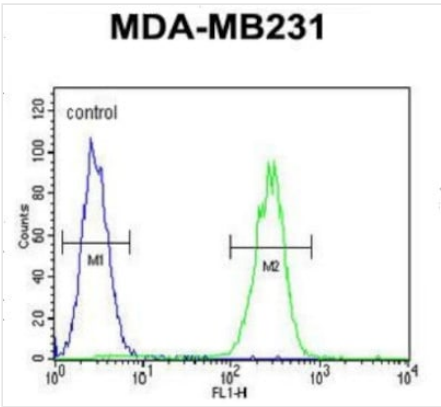
IF (Immunofluorescence)
Confocal immunofluorescent analysis of CRHR2 Antibody (Center) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemisry)
CRHR2 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CRHR2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CRHR2 Antibody (Center) in Hela cell line lysates (35ug/lane). CRHR2 (arrow) was detected using the purified Pab.



FCM/FACS (Flow Cytometry)
CRHR2 Antibody (Center) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-CRHR2 antibody	CRHR2 is a receptor for corticotropin releasing factor. It Shows high-affinity CRF binding. Also binds to urocortin I, II and III. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
Product Categories/Family for anti-CRHR2 antibody	Neuroscience; GPCR Antibodies
References	Yerges, L.M., et.al., J. Bone Miner. Res. (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	321117173
NCBI GeneID	1395
NCBI Accession #	NP_001189404.1; NP_001189410.1; NP_001189411.1; NP_001189412.1; NP_001874.2
NCBI GenBank Nucleotide #	NM_001202475.1
UniProt Accession #	Q13324; O43461; Q4QRJ4; Q99431; B2R967; B3SXS6; B3SXS7; B3SXS8; B3SXT0; F8WA81
Molecular Weight	47688

NCBI Official Full Name	corticotropin-releasing factor receptor 2 isoform 2
NCBI Official Synonym Full Names	corticotropin releasing hormone receptor 2
NCBI Official Symbol	CRHR2
NCBI Official Synonym Symbols	CRF2; CRFR2; CRF-RB; HM-CRF
NCBI Protein Information	corticotropin-releasing factor receptor 2
UniProt Protein Name	Corticotropin-releasing factor receptor 2
UniProt Gene Name	CRHR2
UniProt Synonym Gene Names	CRF2R; CRH2R; CRF-R-2; CRF-R2; CRFR-2; CRH-R-2; CRH-R2
UniProt Entry Name	CRFR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/crhr2-antibody-immunofluorescence-immunohistochemistry-western-blot-flow-cytometry-elisa/285334>