

Rabbit CRHR2 Polyclonal Antibody | anti-CRHR2 antibody

CRHR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325480	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

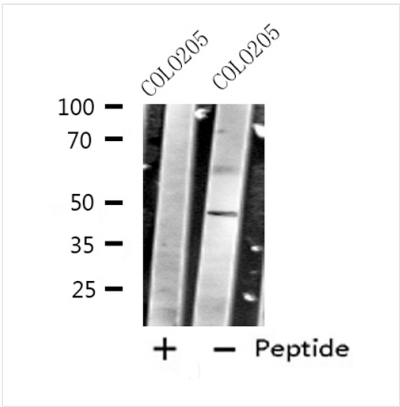
PRODUCT SYNONYMS

CRHR2; Polyclonal Antibody; CRHR2 Antibody; Corticotropin releasing hormone receptor 2; Corticotropin-releasing factor receptor 2; Corticotropin-releasing hormone receptor 2; CRF 2; CRF 2R; CRF R2; CRF RB; CRF-R-2; CRF-R2; CRF2; CRF2 receptor beta isoform; CRF2R; CRFR 2; CRFR-2; CRFR2; CRFR2_HUMAN; CRH 2R; CRH R2; CRH-R-2; CRH-R2; CRH2R; CRHR 2; Crhr2; HM CRF; anti-CRHR2 antibody

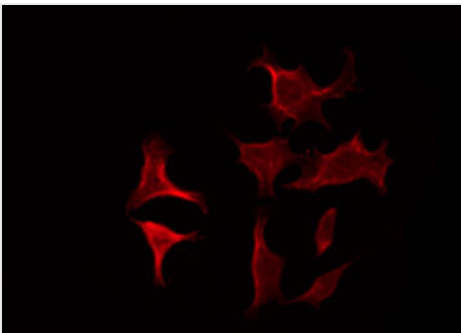
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CRHR2 antibody detects endogenous levels of total CRHR2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	438
Applicable Applications for anti-CRHR2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells using CRHR2 antibody.



IF (Immunofluorescence)
AAA325480 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CRHR2 antibody	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. Subunit Structure: Monomer. Interacts (via N-terminal extracellular domain) with CRF, UCN, UCN2 and UCN3. Has highest affinity for UCN, and considerably lower affinity for CRF, UNC2 and UCN3. Post-translational Modifications: A N-glycosylation site within the signal peptide impedes its proper cleavage and function. Similarity: The transmembrane domain is composed of seven transmembrane helices that are arranged in V-shape. Transmembrane helix 7 assumes a sharply kinked structure (By similarity).The uncleaved pseudo signal peptide prevents receptor's oligomerization and coupling to G(i) subunits. It is also responsible for the rather low receptor localization at the plasma membrane (PubMed:22689579). Belongs to the G-protein coupled receptor 2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	321117173
NCBI GeneID	1395
NCBI Accession #	NP_001189404.1
NCBI GenBank Nucleotide #	NM_001202475.1
UniProt Accession #	Q13324; O43461; Q4QRJ4; Q99431; B2R967; B3SXS6; B3SXS7; B3SXS8; B3SXT0; F8WA81
Molecular Weight	Observed: 48 kD Predicted: 48 kDa
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crhr2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325480>