# antibodies .- online.com







## anti-CRHR2 antibody (Extracellular, N-Term)

CRHR2



Target:



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Overview	
Quantity:	50 μL
Target:	CRHR2
Binding Specificity:	AA 20-34, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)EELLLDGWGEPPDPE, corresponding to amino acid residues 20-34 of rat CRHR2
Isotype:	IgG
Characteristics:	Anti-CRF2/CRHR2 (extracellular) Antibody (ABIN7043088, ABIN7044188 and ABIN7044189)) is a highly specific antibody directed against an epitope of the rat Corticotropin-releasing factor receptor 2. The antibody can be used in western blot and indirect live cell flow cytometry applications. It has been designed to recognize CRHR2 from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.
Target Details	
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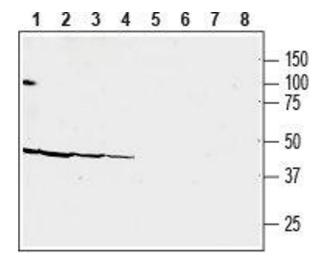
### **Target Details**

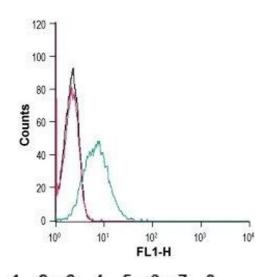
Target Details	
Alternative Name:	CRF2/CRHR2 (CRHR2 Products)
Background:	Alternative names: Corticotropin-releasing factor receptor 2, CRF-R-2, CRF2 receptor beta isoform, Corticotropin-releasing hormone receptor 2, CRH receptor 2 variant B
Gene ID:	64680
NCBI Accession:	NM_001202475
UniProt:	P47866
Pathways:	Negative Regulation of Hormone Secretion, cAMP Metabolic Process, Feeding Behaviour
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator

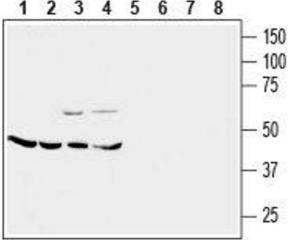
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	

Format:	Lyophilized
Reconstitution:	$25\mu\text{L},50\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.

Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).







#### **Western Blotting**

Image 1. Western blot analysis of human MOLT-4 acute lymphoblastic leukemia (lanes 1 and 5), human CAKI-1 renal cell carcinoma (lanes 2 and 6), human MEG-01 megakaryoblastic leukemia (lanes 3 and 7) and human COLO-205 colon adenocarcinoma (lanes 4 and 8) cell line lysates: - 1-4. Anti-CRF2/CRHR2 (extracellular) Antibody (ABIN7043088, ABIN7044188 and ABIN7044189), (1:200).5-8. Anti-CRF2/CRHR2 (extracellular) Antibody, preincubated with CRF2/CRHR2 (extracellular) Blocking Peptide (#BLP-CR052).

#### **Flow Cytometry**

Image 2. Cell surface detection of Corticotropin-releasing factor receptor 2 in live intact HL-60 (human promyelocytic leukemia) cells: (black line) Cells.(red line) Cells + goat-antirabbit-FITC.(green line) Cells + Anti-CRF2/CRHR2 (extracellular) Antibody (ABIN7043088, ABIN7044188 and ABIN7044189) (5 μg /5x10^5 cells) +FITC-conjugated goat anti-rabbit antibody.

#### **Western Blotting**

Image 3. Western blot analysis of mouse brain membrane (lanes 1 and 5), rat cerebellum (lanes 2 and 6), rat lung (lanes 3 and 7) and rat kidney (lanes 4 and 8) lysates: - 1-4. Anti-CRF2/CRHR2 (extracellular) Antibody (ABIN7043088, ABIN7044188 and ABIN7044189), (1:200).5-8. Anti-CRF2/CRHR2 (extracellular) Antibody, preincubated with CRF2/CRHR2 (extracellular) Blocking Peptide (#BLP-CR052).