



Datasheet for ABIN680758  
**anti-CRHR1 antibody**



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1 Publication

Overview

Quantity:	100 µL
Target:	CRHR1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRHR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CRHR1/CRFR1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CRHR1
Alternative Name:	CRHR1 ( <a href="#">CRHR1 Products</a> )
Background:	Synonyms: Corticotropin releasing hormone receptor variant 1h,CRF-RI, CRF 1, CRF R, CRF1, CRFR1, CRH R1h, CRF-R1, CRHR 1, CRHR, CRHR1, CRHR1f, Releasing hormone receptor 1, Seven transmembrane helix receptor, corticotropin releasing hormone receptor 1, Crhr1, Crhr,

## Target Details

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MGC124237, MGC124240, CRF-R, CRF-R-1, CRF-R1, CRFR-1, CRH-R-1, CRH-R1, CRH-R1h, CRHR, CRHR1L, CRFR1\_HUMAN.

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 one of which is a non-coding read-through transcript with the neighboring gene MGC57346.

Molecular Weight: 48kDa

Gene ID: 1394

Pathways: [Hormone Transport](#), [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Feeding Behaviour](#), [Negative Regulation of Transporter Activity](#)

## Application Details

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Application Notes: WB(1:100-500)  
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % 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: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months

## Publications

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Product cited in: Zhu, Xia, Han, Shao, Jing, Fan, Liu, Diao, Lv, Sun: "Xiao Yao San Improves Depressive-Like Behavior in Rats through Modulation of  $\beta$ -Arrestin 2-Mediated Pathways in Hippocampus." in: **Evidence-based complementary and alternative medicine : eCAM**, Vol. 2014, pp. 902516, (2014) ([PubMed](#)).