Datasheet for ABIN1535580

anti-CRHR1 antibody (AA 75-124)

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Overview

Quantity:	100 µg
Target:	CRHR1
Binding Specificity:	AA 75-124
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRHR1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CRHR1.
Isotype:	IgG
Specificity:	CRHR1 Antibody detects endogenous levels of total CRHR1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	CRHR1
Alternative Name:	CRHR1 (CRHR1 Products)
Background:	Synonyms: Corticotropin-releasing factor receptor 1, CRF-R, CRF1, Corticotropin-releasing

Target Details

	hormone receptor 1, CRH-R 1, CRHR1, CRFR, CRFR1, CRHR NCBI Gene Symbol: CRHR1
Molecular Weight:	50 kDa
Gene ID:	1394
OMIM:	122561
UniProt:	P34998
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

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.417628 (NCBI Gene Symbol: CRHR1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

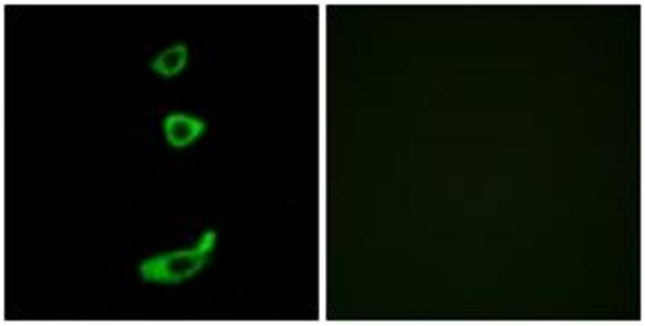
Publications

Product cited in:	Nitta, Tam, Kim, Fan: "The cellular protein La functions in enhancement of virus release through lipid rafts facilitated by murine leukemia virus glycosylated Gag." in: **mBio**, Vol. 2, Issue 1, pp.

Publications

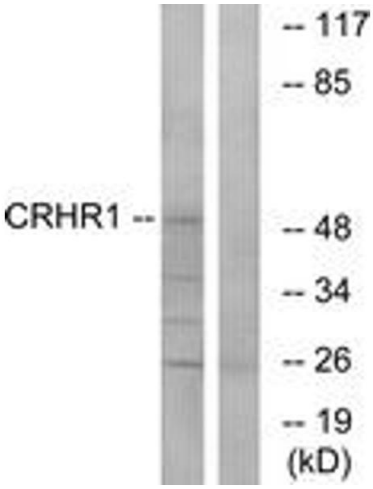
e00341-10, (2011) (PubMed).

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells, using CRHR1 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HT-29/LOVO cells, using CRHR1 Antibody. The lane on the right is treated with the synthesized peptide.