

MC2-R Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05262
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ACTHR. AA range:248-297
Mol wt	33927
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	MC2-R Antibody
Synonyms	MC2R; ACTHR; Adrenocorticotrophic hormone receptor; ACTH receptor; ACTH-R; Adrenocorticotropin receptor; Melanocortin receptor 2; MC2-R

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MC2R encodes one member of the five-member G-protein associated melanocortin receptor family. Melanocortins (melanocyte-stimulating hormones and adrenocorticotrophic hormone) are peptides derived from pro-opiomelanocortin (POMC). MC2R is selectively activated by adrenocorticotrophic hormone, whereas the other four melanocortin receptors recognize a variety of melanocortin ligands. Mutations in MC2R can result in familial glucocorticoid deficiency. Alternate transcript variants have been found for this gene.

Recommended Dilution

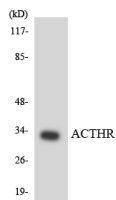
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

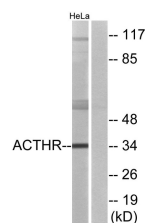
ELISA: 1: 20000

Not yet tested in other applications.

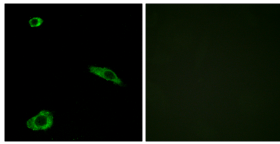
Images



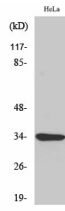
Western blot analysis of the lysates from COLO205 cells using ACTHR antibody.



Western blot analysis of lysates from HeLa cells, using ACTHR Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of MCF7 cells, using ACTHR Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using MC2-R Polyclonal Antibody

Storage

-20°C for one year

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