

# Product datasheet

info@arigobio.com

# ARG64417 anti-MC2R / ACTHR antibody

Package: 100 μg Store at: -20°C

#### **Summary**

Product Description Goat Polyclonal antibody recognizes MC2R / ACTHR

Tested Reactivity Hu
Tested Application WB
Host Goat

**Clonality** Polyclonal

Isotype IgG

Target Name MC2R / ACTHR

Species Human

 Immunogen
 ENINNTARNNSDC

 Conjugation
 Un-conjugated

Alternate Names Adrenocorticotropin receptor; ACTH-R; Adrenocorticotropic hormone receptor; ACTHR; MC2-R; ACTH

receptor; Melanocortin receptor 2

## **Application Instructions**

Application table	Application	Dilution
	WB	1 - 3 μg/ml
Application Note	WB: Recommend incubate at RT for 1h.  * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations	

\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### **Properties**

Form Liquid

**Purification** Purified from goat serum by antigen affinity chromatography.

Buffer Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.

Preservative 0.02% Sodium azide

Stabilizer 0.5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Database links GeneID: 4158 Human

Swiss-port # Q01718 Human

Background MC2R encodes one member of the five-member G-protein associated melanocortin receptor family.

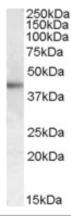
Melanocortins (melanocyte-stimulating hormones and adrenocorticotropic hormone) are peptides derived from pro-opiomelanocortin (POMC). MC2R is selectively activated by adrenocorticotropic hormone, whereas the other four melanocortin receptors recognize a variety of melanocortin ligands. Mutations in MC2R can result in familial glucocorticoid deficiency. [provided by RefSeq, Jul 2008]

Research Area Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling

Transduction antibody

Calculated Mw 34 kDa

### **Images**



### ARG64417 anti-MC2R / ACTHR antibody WB image

Western Blot: Human Skin lysate (35  $\mu g$  protein in RIPA buffer) stained with ARG64417 anti-MC2R / ACTHR antibody at 1  $\mu g/ml$  dilution.