

MC2R Antibody

Catalog No: #36970

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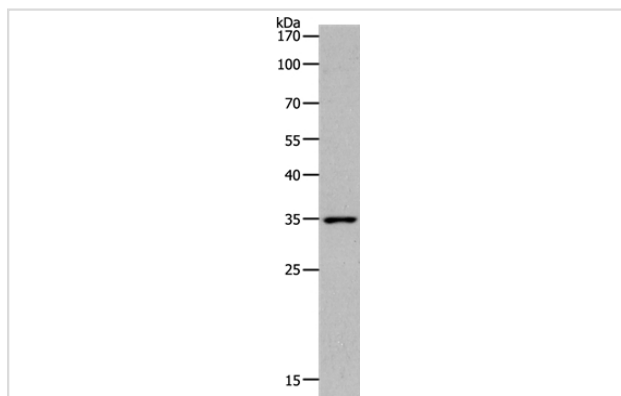
Description

Product Name	MC2R Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MC2R protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human Melanocortin 2 receptor (adrenocorticotropic hormone)
Target Name	MC2R
Other Names	ACTHR
Accession No.	Swiss-Prot#: Q01718 NCBI Gene ID: 4158 Gene Accession: NP_000520
Uniprot	Q01718
GeneID	4158;
SDS-PAGE MW	34kd
Concentration	2.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000-1:5000

Images



Gel: 10%SDS-PAGE
 Lysates (from left to right): Human fetal kidney tissue
 Amount of lysate: 40ug per lane
 Primary antibody: 1/1400 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 2 minutes

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.

Note: This product is for in vitro research use only