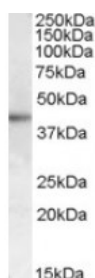




## MC2R Antibody

CATALOG NUMBER: 45-870



Western Blot (1ug/ml) staining of Human Skin lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 40kDa band observed in Human Skin lysates (calculated MW of 33.9kDa according to NP_000520.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Kilianova et al, Endocrinology. 20
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1376 - Human Skin Tissue Lysate
<b>IMMUNOGEN:</b>	MC2R antibody was raised against a 13 amino acid synthetic peptide near the N-Terminus of MC2R.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	MC2R antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	MC2R antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	MC2R, melanocortin 2 receptor (adrenocorticotrophic hormone), ACTHR, MGC125798, ACTH receptor, MC2 receptor, adrenocorticotrophic hormone receptor, corticotropin receptor, melanocortin 2 receptor
<b>ACCESSION NO.:</b>	NP_000520.1
<b>PROTEIN GI NO.:</b>	4505127
<b>OFFICIAL SYMBOL:</b>	MC2R

GENE ID: 4158

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## Background

**REFERENCES:** 1) Kilianova Z, Basora N, Kilian P, Payet MD, Gallo-Payet N. Human melanocortin receptor 2 expression and functionality: effects of protein kinase A and protein kinase C on desensitization and internalization. *Endocrinology*. 2006 May;147(5):2325-37. Epub 2006 Feb 23.

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FOR RESEARCH USE ONLY

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