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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08292 - Goat Anti-MC2R / ACTHR Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MC2R, ACTHR, melanocortin 2 receptor (adrenocorticotrophic hormone), MGC125798, ACTH receptor, MC2 receptor, adrenocorticotrophic hormone receptor, corticotropin receptor, melanocortin 2 receptor

Official Symbol: MC2R

Accession Number(s): NP_000520.1

Human GeneID(s): [4158](#)

Immunogen

Peptide with sequence ENINNTARNNSDC, from the N Terminus of the protein sequence according to NP_000520.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide 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. 2006 May;147(5):2325-37; PMID: 16497811). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB08292 (1 μ g/ml) staining of Human Skin lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.