

Goat anti-MC2R / ACTHR Antibody

Item Number	dAP-1301
Target Molecule	Principle Name: MC2R / ACTHR; Official Symbol: MC2R ; All Names and Symbols: MC2R; ACTHR; melanocortin 2 receptor (adrenocorticotrophic hormone); MGC125798; ACTH receptor; MC2 receptor; adrenocorticotrophic hormone receptor; corticotropin receptor; melanocortin 2 receptor; Accession Number (s): NP_000520.1; Human Gene ID(s): 4158; Non-Human GeneID(s):
Immunogen	ENINNTARNNSDC, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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)
IHC	
Reference	Reference(s): Kilianova Z, Basora N, Kilian P, Payet MD, Gallo-Payette 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.. PMID: 16497811 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**