

产品名称: MC2-R Rabbit Polyclonal Antibody
产品货号: APRab13697



产品概述 (Summary)

产品名称 (Production Name)	MC2-R Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MC2R
别名 (Alternative Names)	MC2R; ACTHR; Adrenocorticotrophic hormone receptor; ACTH receptor; ACTH-R; Adrenocorticotropin receptor; Melanocortin receptor 2; MC2-R
基因 ID (Gene ID)	4158.0
蛋白 ID (SwissProt ID)	Q01718.The antiserum was produced against synthesized peptide derived from human ACTHR. AA range:248-297

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	34kDa

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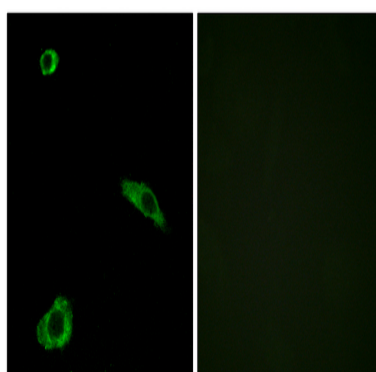
研究背景 (Background)

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. Alternate transcript variants have been found for this gene. [provided by RefSeq, May 2014],disease:Defects in MC2R are the cause of glucocorticoid deficiency type 1 (GCCD1) [MIM:202200]; also known as familial glucocorticoid deficiency type 1 (FGD1). GCCD1 is an autosomal recessive disorder due to congenital insensitivity or resistance to adrenocorticotropin (ACTH). It is characterized by progressive primary adrenal insufficiency, without mineralocorticoid deficiency.,function:Receptor for ACTH. This receptor is mediated by G proteins (G(s)) which activate adenylate cyclase.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with FALP/MRAP.,tissue specificity:Melanocytes and corticoadrenal tissue.,

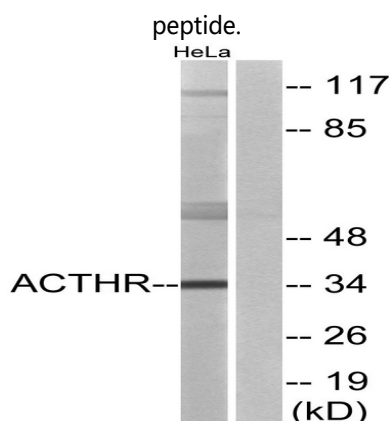
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)

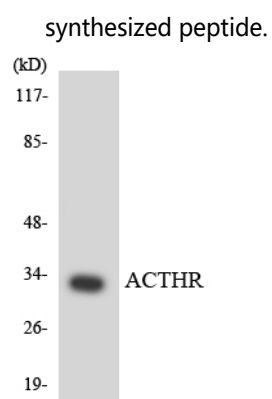


Immunofluorescence analysis of MCF7 cells, using ACTHR Antibody. The picture on the right is blocked with the synthesized

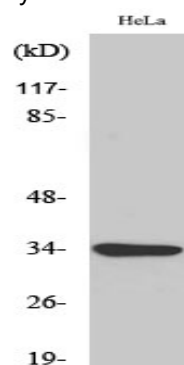


Western blot analysis of lysates from HeLa cells, using ACTHR Antibody. The lane on the right is blocked with the

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Western blot analysis of the lysates from COLO205 cells using ACTHR antibody.



Western Blot analysis of various cells using MC2-R Polyclonal Antibody

注意事项 (Note)

For research use only .