

产品名称: MC4-R Rabbit Polyclonal Antibody
产品货号: APRab13699



产品概述 (Summary)

产品名称 (Production Name)	MC4-R Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	MC4R
别名 (Alternative Names)	MC4R; Melanocortin receptor 4; MC4-R
基因 ID (Gene ID)	4160.0
蛋白 ID (SwissProt ID)	P32245.The antiserum was produced against synthesized peptide derived from human MC4R. AA range:281-330

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	37kDa

研究背景 (Background)

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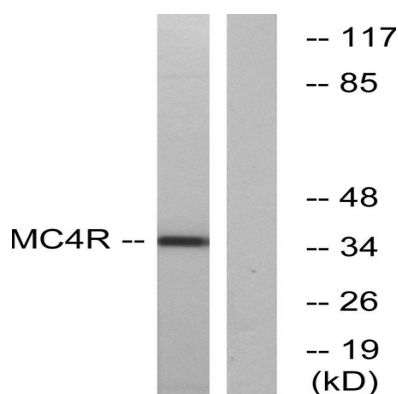


The protein encoded by this gene is a membrane-bound receptor and member of the melanocortin receptor family. The encoded protein interacts with adrenocorticotrophic and MSH hormones and is mediated by G proteins. This is an intronless gene. Defects in this gene are a cause of autosomal dominant obesity. [provided by RefSeq, Jan 2010],disease:Defects in MC4R are a cause of autosomal dominant obesity [MIM:601665],function:Receptor specific to the heptapeptide core common to adrenocorticotrophic hormone and alpha-, beta-, and gamma-MSH. This receptor is mediated by G proteins that stimulate adenylate cyclase.,online information:Melanocortin receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with ATRNL1.,tissue specificity:Brain, placental, and gut tissues.,

研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)



Western blot analysis of lysates from MCF-7 cells, using MC4R Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .