

# MC5R (YD34745) Rabbit mAb

货号: **AYD16200**

## 产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P
推荐浓度	
理论分子量	37kDa/37kDa/37kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Cell membrane
纯化	

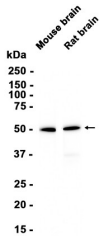
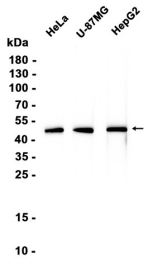
## 抗原信息

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## 靶点信息

研究背景	G protein-coupled receptor for melanocyte-stimulating hormones (alpha- beta- and gamma-MSH) and corticotropin/ACTH, which are peptide products of the POMC precursor (PubMed:37524700, PubMed:8396929). Upon activation, couples to G(s) protein, stimulating adenylate cyclase and the cAMP-dependent signaling pathway (PubMed:37524700). Also activates ERK1/2 via a PI3K-dependent signaling mechanism (PubMed:19428994). Order of potency of natural melanocortins in receptor activation is alpha-MSH > ACTH > beta-MSH > gamma-MSH (PubMed:8396929). Plays a key role in immune response, and is essential for temperature regulation and exocrine gland function (By similarity) G protein-coupled receptor for melanocyte-stimulating hormones (alpha- beta- and gamma-MSH) and corticotropin/ACTH, which are peptide products of the POMC precursor (PubMed:35926007, PubMed:7739752, PubMed:8185570, PubMed:9413988). Upon activation, couples to G(s) protein, stimulating adenylate cyclase and the cAMP-dependent signaling pathway (PubMed:7739752, PubMed:8185570, PubMed:9413988). Also activates ERK1/2 via a PI3K-dependent signaling mechanism (PubMed:35926007). Order of potency of natural melanocortins in receptor activation is alpha-MSH > beta-MSH > ACTH > gamma-MSH (PubMed:7739752, PubMed:8185570). Plays a key role in immune response, and is essential for temperature regulation and exocrine gland function (PubMed:35926007, PubMed:9413988) G protein-coupled receptor for melanocyte-stimulating hormones (alpha- beta- and gamma-MSH) and corticotropin/ACTH, which are peptide products of the POMC precursor. Upon activation, couples to G(s) protein, stimulating adenylate cyclase and the cAMP-dependent signaling pathway. Also activates ERK1/2 via a PI3K-dependent signaling mechanism. Order of potency of natural melanocortins in receptor activation is alpha-MSH > ACTH > beta-MSH > gamma-MSH (By similarity). Plays a key role in immune response, and is essential for temperature regulation and exocrine gland function (By similarity)
基因ID	4161
基因名	MC5R, Mc5r
Swiss	P33032, P41149, P35345
别名	MC5R (YD34745)

## 产品验证



## 实验步骤

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