

产品名称: ADIPOR1 (12R16) Rabbit Monoclonal Antibody
产品货号: AMRe06636



产品概述 (Summary)

产品名称 (Production Name)	ADIPOR1 (12R16) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
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)	Monoclonal
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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ADIPOR1
别名 (Alternative Names)	Adiponectin receptor protein 1; Progestin and adipoQ receptor family member I ; CGI-45; PAQR1; ADIPOR1;
基因 ID (Gene ID)	51094.0
蛋白 ID (SwissProt ID)	Q96A54.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:20-1:200,ICC/IF 1:50-1:200,FC 1:20-1:200
蛋白分子量 (Molecular Weight)	43kDa

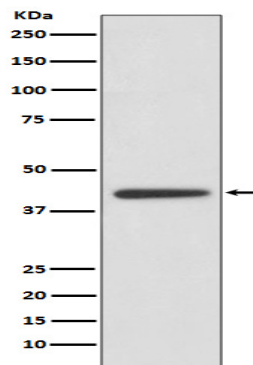
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研究背景 (Background)

Regulate fatty acid oxidation and the uptake of glucose by adiponectin. Each receptor activates a unique set of signaling molecules including AMPK, p38 MAPK and PPAR γ . AdipoR1 has a high-affinity for globular adiponectin and low-affinity for full-length adiponectin, while AdipoR2 has an intermediate affinity for both forms. Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed: [25855295](http://www.uniprot.org/citations/25855295), PubMed: [12802337](http://www.uniprot.org/citations/12802337)). Required for normal glucose and fat homeostasis and for maintaining a normal body weight. ADIPOQ-binding activates a signaling cascade that leads to increased AMPK activity, and ultimately to increased fatty acid oxidation, increased glucose uptake and decreased gluconeogenesis. Has high affinity for globular adiponectin and low affinity for full-length adiponectin (By similarity).

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of ADIPOR1 expression in Human heart lysate.

注意事项 (Note)

For research use only .