

产品名称: Natriuretic Peptide Receptor B Rabbit Monoclonal Antibody
产品货号: AMRe86663



产品概述 (Summary)

产品名称 (Production Name)	Natriuretic Peptide Receptor B Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Natriuretic Peptide Receptor B
别名 (Alternative Names)	AMD1; ANPb; ECD1; NPRB; SNSK; ANP1; GUC2B; NPRB; GUCY2B
基因 ID (Gene ID)	4882
蛋白 ID (SwissProt ID)	P20594.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000
蛋白分子量 (Molecular Weight)	Calculated MW:117 kDa; Observed MW:148 kDa

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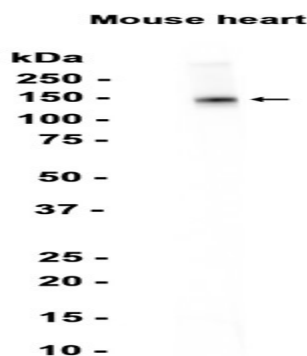


研究背景 (Background)

This gene encodes natriuretic peptide receptor B, one of two integral membrane receptors for natriuretic peptides. Both NPR1 and NPR2 contain five functional domains: an extracellular ligand-binding domain, a single membrane-spanning region, and intracellularly a protein kinase homology domain, a helical hinge region involved in oligomerization, and a carboxyl-terminal guanylyl cyclase catalytic domain. The protein is the primary receptor for C-type natriuretic peptide (CNP), which upon ligand binding exhibits greatly increased guanylyl cyclase activity. Mutations in this gene are the cause of acromesomelic dysplasia Maroteaux type. [provided by RefSeq, Jul 2008]

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of extracts from Mouse heart tissue using AMRe86663 at 1:1000.

注意事项 (Note)

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