

产品名称: GCDH Rabbit Monoclonal Antibody
产品货号: AMRe87049



产品概述 (Summary)

产品名称 (Production Name)	GCDH Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	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)	GCDH
别名 (Alternative Names)	GCD; ACAD5
基因 ID (Gene ID)	2639
蛋白 ID (SwissProt ID)	Q92947.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,FC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW:48 kDa; Observed MW:48 kDa

研究背景 (Background)

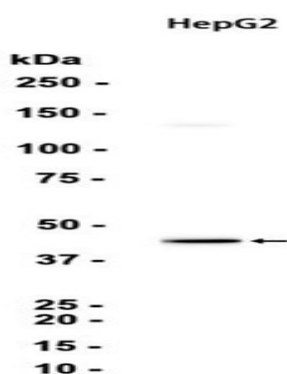
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The protein encoded by this gene belongs to the acyl-CoA dehydrogenase family. It catalyzes the oxidative decarboxylation of glutaryl-CoA to crotonyl-CoA and CO(2) in the degradative pathway of L-lysine, L-hydroxylysine, and L-tryptophan metabolism. It uses electron transfer flavoprotein as its electron acceptor. The enzyme exists in the mitochondrial matrix as a homotetramer of 45-kD subunits. Mutations in this gene result in the metabolic disorder glutaric aciduria type 1, which is also known as glutaric acidemia type I. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 12. [provided by RefSeq, Mar 2013]

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of extracts from Jurkat cells using AMRe87049 at 1:1000.

注意事项 (Note)

For research use only .