

GCDH (16Y16) Rabbit Monoclonal Antibody

Catalog# UZ-MA01881

Product information

产品货号	UZ-MA01881
别名	GCD; ACAD5
产品名称	GCDH (16Y16) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,FCM
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of human GCDH
稀释度	WB 1:1000-1:5000, FCM 1:50-1:100
参考分子量	48kDa
预测分子量	48kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	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]
纯化	Affinity Purification
Uniprot ID	Q92947
Clonality	Monoclonal