

AMACR(4A12)Mouse Monoclonal Antibody

Catalog# UZ-PA00566

Product information

产品货号	UZ-PA00566
别名	AMACR; Alpha-methylacyl-CoA racemase; 2-methylacyl-CoA racemase
产品名称	AMACR(4A12)Mouse Monoclonal Antibody
类别	抗体产品
基因名称	AMACR
推荐应用	WB,IF-P,IF-F,IF-ICC,IHC-P
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, pH 7.4, containing 0.5%BSA, 0.02% New type preservative N as Preservative and 50% Glycerol.
Human Gene ID	23600
Human Swissprot No.	Q9UHK6
免疫原	Synthetic Peptide of AMACR
稀释度	WB 1:1000, IHC-P 1:200, IF-P/IF-F/IF-ICC 1:200
预测分子量	42kDa
运输及保存条件	-20°C/1 year
宿主	Mouse
背景介绍	This gene encodes a racemase. The encoded enzyme interconverts pristanoyl-CoA and C27-bile acylCoAs between their (R)- and (S)-stereoisomers. The conversion to the (S)-stereoisomers is necessary for degradation of these substrates by peroxisomal beta-oxidation. Encoded proteins from this locus localize to both mitochondria and peroxisomes. Mutations in this gene may be associated with adult-onset sensorimotor neuropathy, pigmentary retinopathy, and adrenomyeloneuropathy due to defects in bile acid synthesis. Alternatively spliced transcript variants have been described. Read-through transcription also exists between this gene and the upstream neighboring C1QTNF3 (C1q and tumor necrosis factor related protein 3) gene. [provided by RefSeq, Mar 2011],
细胞定位	Peroxisome . Mitochondrion .
纯化	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clonality	Monoclonal