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ALDH2 (YD19032) Rabbit mAb

货号: AYD12191

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P IP
推荐浓度	
理论分子量	56kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,A-549,Mouse liver,Mouse kidney,Rat liver,Rat testis
细胞定位	Mitochondrion matrix
纯化	亲和纯化

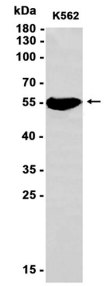
抗原信息

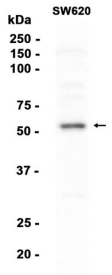
抗原信息	

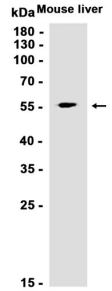
靶点信息

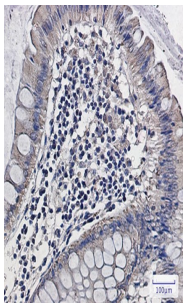
研究背景	This protein belongs to the aldehyde dehydrogenase family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. Two major liver isoforms of aldehyde dehydrogenase, cytosolic and mitochondrial, can be distinguished by their electrophoretic mobilities, kinetic properties, and subcellular localizations. Most Caucasians have two major isozymes, while approximately 50% of East Asians have the cytosolic isozyme but not the mitochondrial isozyme. A remarkably higher frequency of acute alcohol intoxication among East Asians than among Caucasians could be related to the absence of a catalytically active form of the mitochondrial isozyme. The increased exposure to acetaldehyde in individuals with the catalytically inactive form may also confer greater susceptibility to many types of cancer. This gene encodes a mitochondrial isoform, which has a low Km for acetaldehydes, and is localized in mitochondrial matrix. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
基因**ID**	217
基因名	ALDH2
Swiss	P05091 (https://www.uniprot.org/uniprotkb/P05091/entry)
别名	ALDH2 (YD19032),ALDH2 (YD19032) Rabbit mAb,ALDH2,ALDH class 2,ALDH-E2,ALDHI,ALDM

产品验证









实验步骤

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