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ALDH1A1 Rabbit mAb

货号: **AYM29754**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC IP ICC/IF
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50 IP: 1:20 - 1:50
理论分子量	54kDa
实测分子量	55kDa
形式	Liquid
保存条件	Store at -20°C. 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,K-562,Mouse lung,Mouse liver,Mouse testis,Rat lung,Rat kidney
细胞定位	Cytoplasm
纯化	Affinity purification

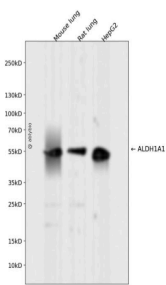
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ALDH1A1.
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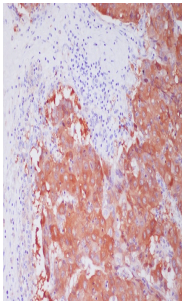
靶点信息

研究背景	The protein encoded by this gene belongs to the aldehyde dehydrogenase family. Aldehyde dehydrogenase is the next enzyme after alcohol dehydrogenase in the major pathway of alcohol metabolism. There are two major aldehyde dehydrogenase isozymes in the liver, cytosolic and mitochondrial, which are encoded by distinct genes, and can be distinguished by their electrophoretic mobility, kinetic properties, and subcellular localization. This gene encodes the cytosolic isozyme. Studies in mice show that through its role in retinol metabolism, this gene may also be involved in the regulation of the metabolic responses to high-fat diet.
基因ID	216
基因名	ALDH1A1
Swiss	P00352 (https://www.uniprot.org/uniprotkb/P00352/entry)
别名	ALDH1A1,ALDH1A1 Rabbit mAb,3-deoxyglucosone dehydrogenase,ALDH-E1,ALHDII,Aldehyde dehydrogenase family 1 member A1,Aldehyde dehydrogenase,cytosolic,Retinal dehydrogenase 1,ALDC,ALDH1

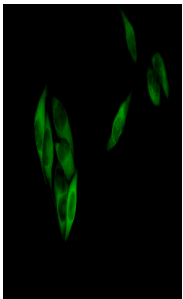
产品验证



Western blot analysis of ALDH1A1 expressed in Mouse lung,Rat lung,HepG2 using ALDH1A1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human liver cancer, using ALDH1A1 Antibody.



Immunofluorescence analysis of HeLa cells labelling ALDH1A1 with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

实验步骤

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)