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ALDH1A1 Rabbit mAb

货号: AAY1170

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF IP ELISA
推荐浓度	**IHC:** 1:200-1:800 **WB:** 1:1000-1:3000 **IF:** 1:100-1:800 **ELISA:** 1:5000-1:20000 **IP:** 1:50-1:200
理论分子量	55kD
实测分子量	55kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.172.
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, cytosol, Cell projection, axon
纯化	亲和纯化

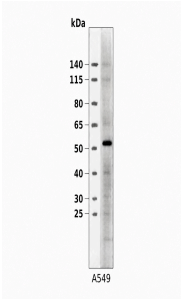
抗原信息

抗原信息	

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;Retinal dehydrogenase 1;ALDH1A1;ALDC;ALDH1;PUMB1;Retinal dehydrogenase 1;RALDH 1;RalDH1;ALDH-E1;ALHDII;Aldehyde dehydrogenase family 1 member A1;Aldehyde dehydrogenase, cytosolic

产品验证



Western blot analysis of ALDH1A1 expressed in A549 cell 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.

实验步骤

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