

产品名称: ALDH1B1 Rabbit Polyclonal Antibody
产品货号: APRab06760



产品概述 (Summary)

产品名称 (Production Name)	ALDH1B1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ALDH1B1
别名 (Alternative Names)	ALDH1B1; ALDH5; ALDHX; Aldehyde dehydrogenase X; mitochondrial; Aldehyde dehydrogenase 5; Aldehyde dehydrogenase family 1 member B1
基因 ID (Gene ID)	219.0
蛋白 ID (SwissProt ID)	P30837.The antiserum was produced against synthesized peptide derived from human ALDH1B1. AA range:311-360

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	57kDa

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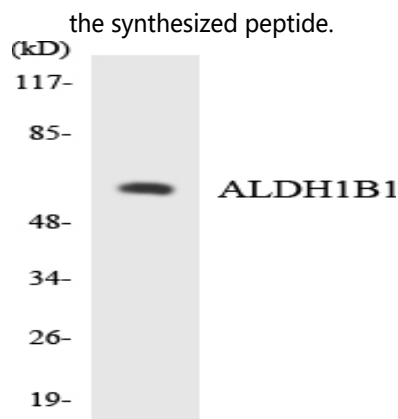
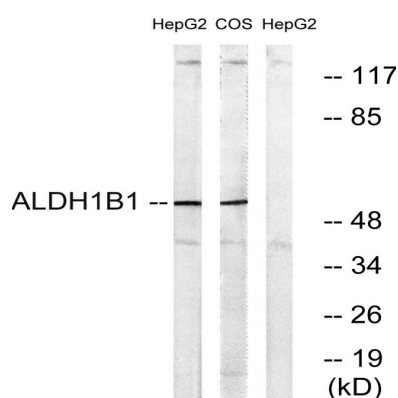
研究背景 (Background)

This protein belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems. [provided by RefSeq, Jul 2008], catalytic activity: An aldehyde + NAD(+) + H₂O = an acid + NADH, function: ALDHs play a major role in the detoxification of alcohol-derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation, pathway: Alcohol metabolism; ethanol degradation; acetate from ethanol: step 2/2, similarity: Belongs to the aldehyde dehydrogenase family, subunit: Homotetramer, tissue specificity: Liver, testis and to a lesser extent in brain,

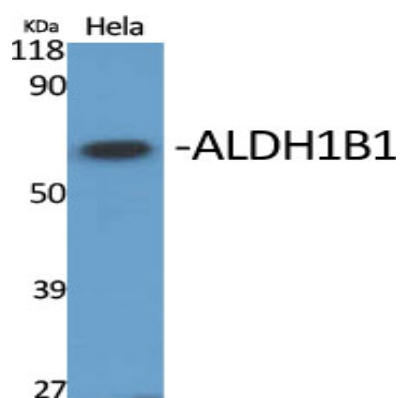
研究领域 (Research Area)

Glycolysis / Gluconeogenesis; Ascorbate and aldarate metabolism; Fatty acid metabolism; Valine; leucine and isoleucine degradation; Lysine degradation; Arginine and proline metabolism; Histidine metabolism; Tryptophan metabolism; beta-Alanine metabolism; Glycerolipid metabolism; Pyruvate metabolism; Propanoate metabolism; Butanoate metabolism; Limonene and pinene degradation;

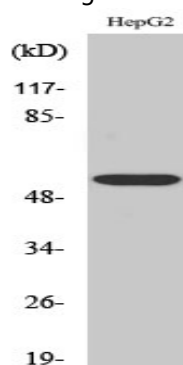
图片 (Image Data)



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Western Blot analysis of various cells using ALDH1B1 Polyclonal Antibody diluted at 1: 1000



Western Blot analysis of COS7 cells using ALDH1B1 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .