

产品名称: ALDH3B1 Rabbit Polyclonal Antibody
产品货号: APRab06765



产品概述 (Summary)

产品名称 (Production Name)	ALDH3B1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

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)	ALDH3B1
别名 (Alternative Names)	ALDH3B1; ALDH7; Aldehyde dehydrogenase family 3 member B1; Aldehyde dehydrogenase 7
基因 ID (Gene ID)	221.0
蛋白 ID (SwissProt ID)	P43353.The antiserum was produced against synthesized peptide derived from human ALDH3B1. AA range:51-100

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	52kDa

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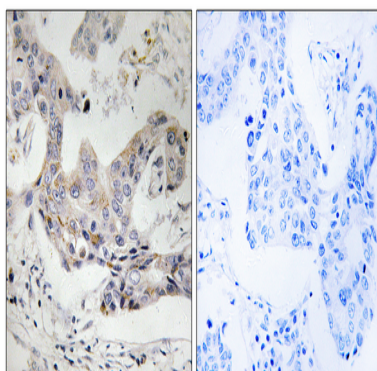
研究背景 (Background)

This gene encodes a member of the aldehyde dehydrogenase protein family. Aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The encoded protein is able to oxidize long-chain fatty aldehydes in vitro, and may play a role in protection from oxidative stress. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014], catalytic activity: An aldehyde + NAD(P)(+) + H₂O = an acid + NAD(P)H., pathway: Alcohol metabolism; ethanol degradation; acetate from ethanol: step 2/2., similarity: Belongs to the aldehyde dehydrogenase family., tissue specificity: Highest expression in kidney and lung.,

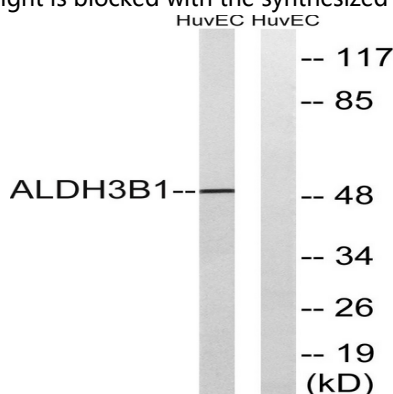
研究领域 (Research Area)

Glycolysis / Gluconeogenesis; Histidine metabolism; Tyrosine metabolism; Phenylalanine metabolism; Metabolism of xenobiotics by cytochrome P450; Drug metabolism;

图片 (Image Data)

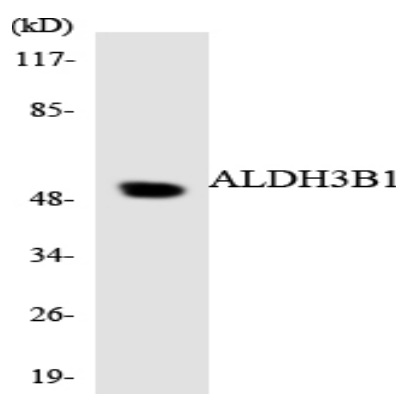


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using ALDH3B1 Antibody. The picture on the right is blocked with the synthesized peptide.

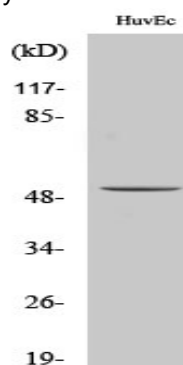


Western blot analysis of lysates from HUVEC cells, using ALDH3B1 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from RAW264.7 cells using ALDH3B1 antibody.



Western Blot analysis of various cells using ALDH3B1 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .