

产品名称: ALDH7A1 Rabbit Monoclonal Antibody
产品货号: AMRe01626



产品概述 (Summary)

产品名称 (Production Name)	ALDH7A1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, IP
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ALDH7A1
别名 (Alternative Names)	aldehyde dehydrogenase 7 family member A1; EPD; PDE; ATQ1
基因 ID (Gene ID)	501
蛋白 ID (SwissProt ID)	P49419.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 58 kDa; Observed MW: 58 kDa

研究背景 (Background)

Multifunctional enzyme mediating important protective effects. Metabolizes betaine aldehyde to betaine, an important

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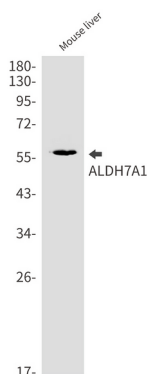


cellular osmolyte and methyl donor. Protects cells from oxidative stress by metabolizing a number of lipid peroxidation-derived aldehydes. Involved in lysine catabolism.

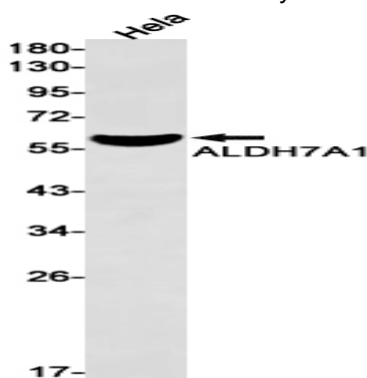
研究领域 (Research Area)

Signal Transduction

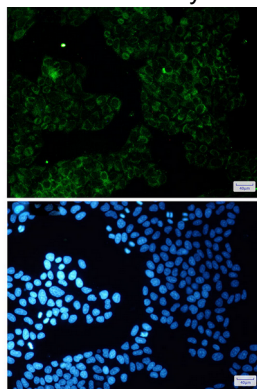
图片 (Image Data)



Western blot analysis of ALDH7A1 in mouse liver lysates using ALDH7A1 antibody.



Western blot analysis of ALDH7A1 in HeLa lysates using ALDH7A1 antibody.



Immunocytochemistry analysis of ALDH7A1(green) in HeLa using ALDH7A1 antibody, and DAPI(blue)

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注意事项 (Note)

For research use only .