

产品名称: ALDH7A1 Rabbit Monoclonal Antibody
产品货号: AMRe87670



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,IHC
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ALDH7A1
别名 (Alternative Names)	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 1:1000-1:5000,IHC 1:500-1:2000
蛋白分子量 (Molecular Weight)	Calculated MW:59 kDa; Observed MW:59 kDa

研究背景 (Background)

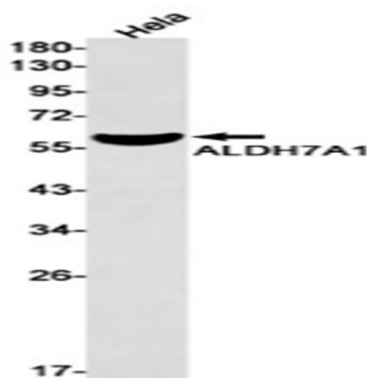
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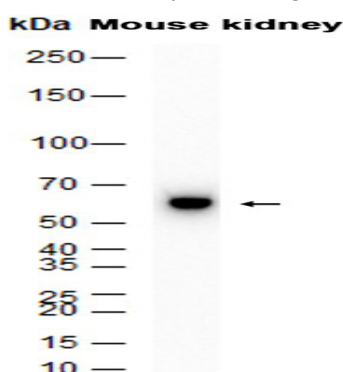
The protein encoded by this gene is a member of subfamily 7 in the aldehyde dehydrogenase gene family. These enzymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular member has homology to a previously described protein from the green garden pea, the 26g pea turgor protein. It is also involved in lysine catabolism that is known to occur in the mitochondrial matrix. Recent reports show that this protein is found both in the cytosol and the mitochondria, and the two forms likely arise from the use of alternative translation initiation sites. An additional variant encoding a different isoform has also been found for this gene. Mutations in this gene are associated with pyridoxine-dependent epilepsy. Several related pseudogenes have also been identified. [provided by RefSeq, Jan 2011]

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of ALDH7A1 in Hela cell lysates using ALDH7A1 antibody(1:1000 diluted).



Western blot analysis of extracts from Mouse kidney tissue using AMRe87670 at 1:2000.

注意事项 (Note)

For research use only .