

ALDH7A1 Rabbit mAb

货号: **AYM29626**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	51kDa/55kDa/58kDa
实测分子量	55kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,SKOV3,293T,HeLa,Mouse liver,Mouse kidney,Rat liver,Rat kidney
细胞定位	Cytoplasm,Mitochondrion,Nucleus,cytosol
纯化	Affinity purification

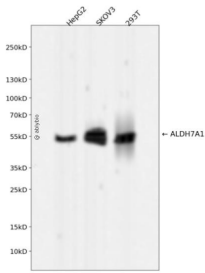
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ALDH7A1.
序列	APILYVFKFKNEEEVFAWNNEVKQGLSSSIFTKDLGRIFRWLGPKGSDCGIVNVNIPTSGAEIGGAFGGKHTGGGREGSGS DAWKQYMRRSTCTINYSKDLPLAQGIKFQ

靶点信息

研究背景	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.
基因ID	501
基因名	ALDH7A1
Swiss	P49419
别名	ALDH7A1;ATQ1;EPD;PDE

产品验证



Western blot analysis of ALDH7A1 expressed in HepG2,SKOV3,293T using ALDH7A1 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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