

## 小鼠抗 ALDH7A1 单克隆抗体

中文名称:	小鼠抗 ALDH7A1 单克隆抗体
英文名称:	Anti-ALDH7A1 mouse monoclonal antibody
别名:	aldehyde dehydrogenase 7 family member A1; EPD; PDE; ATQ1
相关类别:	一抗
储存:	冷冻 (-20℃)
宿主:	Mouse
抗原:	ALDH7A1
反应种属:	Human, Mouse
标记物:	Unconjugate
克隆类型:	mouse monoclonal

### 技术规格

<b>Background:</b>	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 26 g 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.
<b>Applications:</b>	WB, IHC

<b>Name of antibody:</b>	ALDH7A1
<b>Immunogen:</b>	Fusion protein of human ALDH7A1
<b>Full name:</b>	aldehyde dehydrogenase 7 family member A1
<b>Synonyms:</b>	EPD; PDE; ATQ1
<b>SwissProt:</b>	P49419
<b>IHC positive control:</b>	Human endometrial cancer and Human lung cancer; Human appendix tissue
<b>IHC Recommend dilution:</b>	500-2000
<b>WB Predicted band size:</b>	58 KD
<b>WB Positive control:</b>	HepG2 cell, Mouse liver tissue lysates
<b>WB Recommended dilution:</b>	500-2000