

## 兔抗 ALDH7A1 多克隆抗体

中文名称：兔抗 ALDH7A1 多克隆抗体

英文名称：Anti-ALDH7A1 rabbit polyclonal antibody

别名：EPD; PDE; ATQ1

相关类别：一抗

抗原：ALDH7A1

储存：冷冻 (-20℃)

宿主：Rabbit

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

**Background:**

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

	rom 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>	ELISA, WB, IHC
<b>Name of antibody:</b>	ALDH7A1
<b>Immunogen:</b>	Synthetic peptide of human ALDH7A1
<b>Full name:</b>	aldehyde dehydrogenase 7 family member A1
<b>Synonyms:</b>	EPD; PDE; ATQ1
<b>SwissProt:</b>	P49419
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human esophagus cancer
<b>IHC Recommend dilution:</b>	20-100
<b>WB Predicted band size:</b>	59 kDa
<b>WB Positive control:</b>	Human fetal liver tissue and Human liver tissue, HeLa, HepG2 and A172 cell, Rat liver tissue lysates
<b>WB Recommended dilution:</b>	200-1000



