

Product datasheet

Anti-ALDH5A1 antibody ab77078

1 图像

概述

产品名称	Anti-ALDH5A1抗体
描述	兔多克隆抗体to ALDH5A1
宿主	Rabbit
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic 22 amino acid peptide from near the C terminus of Human ALDH5A1 (NP_733936).
阳性对照	Mouse liver tissue lysate.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab77078** in the following tested applications.

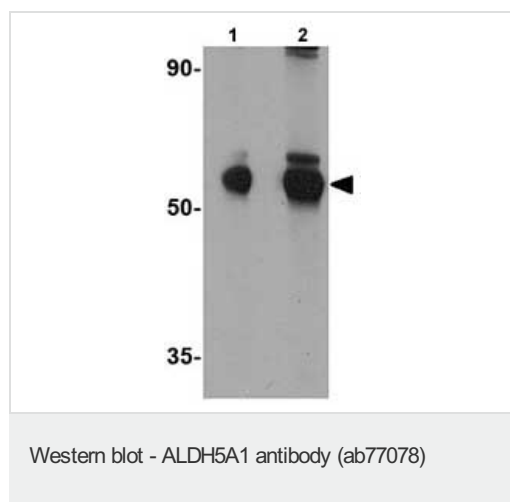
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 57 kDa.
ELISA		Use at an assay dependent dilution.

靶标

<b>功能</b>	Catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA).
<b>组织特异性</b>	Brain, pancreas, heart, liver, skeletal muscle and kidney. Lower in placenta.
<b>通路</b>	Amino-acid degradation; 4-aminobutanoate degradation.
<b>疾病相关</b>	Defects in ALDH5A1 are the cause of succinate semialdehyde dehydrogenase deficiency (SSADH deficiency) [MIM:271980]. SSADH deficiency is a rare inborn error in the metabolism of 4-aminobutyric acid (GABA) which leads to accumulation of 4-hydroxybutyric acid in physiologic fluids of patients. The disease is characterized by severe ataxia and by mildly retarded psychomotor development.
<b>序列相似性</b>	Belongs to the aldehyde dehydrogenase family.
<b>细胞定位</b>	Mitochondrion.

## 图片



**Lane 1** : Anti-ALDH5A1 antibody (ab77078)  
at 1 µg/ml

**Lane 2** : Anti-ALDH5A1 antibody (ab77078)  
at 2 µg/ml

**All lanes** : Mouse liver lysate

Lysates/proteins at 15 µg per lane.

**Predicted band size:** 57 kDa

**Observed band size:** 57 kDa

**Additional bands at:** >90 kDa, 60 kDa. We are unsure as to the identity of these extra bands.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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