

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.

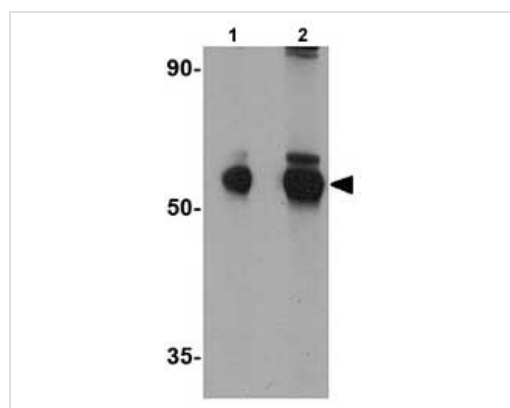
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

功能	Catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA).
组织特异性	Brain, pancreas, heart, liver, skeletal muscle and kidney. Lower in placenta.
通路	Amino-acid degradation; 4-aminobutanoate degradation.
疾病相关	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.
序列相似性	Belongs to the aldehyde dehydrogenase family.
细胞定位	Mitochondrion.

图片



Western blot - Anti-ALDH5A1 antibody (ab77078)

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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