

ALDH5A1 Rabbit pAb

Catalog No.: A9259 **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

57kDa

Category

Primary antibody

Applications

WB,FC

Cross-Reactivity

Human

Background

This protein belongs to the aldehyde dehydrogenase family of proteins. This gene encodes a mitochondrial NAD(+)-dependent succinic semialdehyde dehydrogenase. A deficiency of this enzyme, known as 4-hydroxybutyricaciduria, is a rare inborn error in the metabolism of the neurotransmitter 4-aminobutyric acid (GABA). In response to the defect, physiologic fluids from patients accumulate GHB, a compound with numerous neuromodulatory properties. Two transcript variants encoding distinct isoforms have been identified for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
FC	1:20 - 1:50

Immunogen Information

Gene ID

7915

Swiss Prot

P51649

Immunogen

A synthetic Peptide of human ALDH5A1

Synonyms

SSDH; SSADH; ALDH5A1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,pH7.3.