

Datasheet for ABIN2798723 **anti-ALDH5A1 antibody**



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Overview

Quantity:	400 µL
Target:	ALDH5A1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH5A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Rabbit Anti-Human ALDH5A1 Antibody
Immunogen:	This ALDH5A1 antibody is generated from rabbits immunized with human ALDH5A1 recombinant protein.
Isotype:	Ig Fraction

Target Details

Target:	ALDH5A1
Alternative Name:	ALDH5A1 (ALDH5A1 Products)
Background:	Target Description: ALDH5A1 belongs to the aldehyde dehydrogenase family of proteins. This protein functions as 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,

Target Details

	physiologic fluids from patients accumulate GHB, a compound with numerous neuromodulatory properties. Gene Symbol: ALDH5A1
Molecular Weight:	57215 Da
Gene ID:	7915
UniProt:	P51649
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western Blot, Immunohistochemistry, Flow Cytometry Recommended Dilutions WB: 1:1000, IHC: 1:50-100, FC: 1:10-50Western blot analysis of ALDH5A1 Antibody .FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.430 mg/mL
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)