

Datasheet for ABIN2798711 **anti-ALDH6A1 antibody (N-Term)**

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Overview

Quantity:	400 µL
Target:	ALDH6A1
Binding Specificity:	AA 30-59, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH6A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Rabbit Anti-Human ALDH6A1 (N-term) Antibody
Immunogen:	This ALDH6A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-59 amino acids from the N-terminal region of human ALDH6A1.
Isotype:	Ig Fraction

Target Details

Target:	ALDH6A1
Alternative Name:	ALDH6A1 (ALDH6A1 Products)
Background:	Target Description: ALDH6A1 belongs to the aldehyde dehydrogenases family of proteins. This enzyme plays a role in the valine and pyrimidine catabolic pathways. This protein is a mitochondrial methylmalonate semialdehyde dehydrogenase, and catalyzes the irreversible

Target Details

oxidative decarboxylation of malonate and methylmalonate semialdehydes to acetyl- and propionyl-CoA. Methylmalonate semialdehyde dehydrogenase deficiency is characterized by elevated beta-alanine, 3-hydroxypropionic acid, and both isomers of 3-amino and 3-hydroxyisobutyric acids in urine organic acids.

Gene Symbol: ALDH6A1

Molecular Weight: 57840 Da

Gene ID: 4329

UniProt: [Q02252](#)

Pathways: [Brown Fat Cell Differentiation](#)

Application Details

Application Notes: Western Blot, Immunohistochemistry, Flow Cytometry
Recommended Dilutions
WB: 1:1000, IHC: 1:10-50, FC: 1:10-50 Western blot analysis of ALDH6A1 Antibody (N-term) .
FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.470 mg/mL

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)