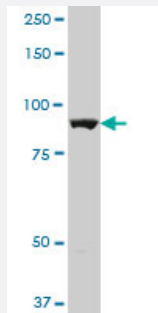


ALDH1L1 polyclonal antibody (A01)

Catalog # H00010840-A01

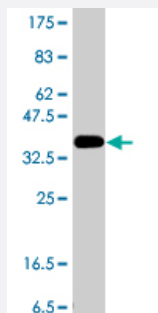
Size 50 uL

Applications



Western Blot (Tissue lysate)

ALDH1L1 polyclonal antibody (A01), Lot # PUM4060503QCS1. Western Blot analysis of ALDH1L1 expression in human liver.



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ALDH1L1.
Immunogen	ALDH1L1 (NP_036322, 803 a.a. ~ 902 a.a) partial recombinant protein with GST tag.
Sequence	EESFGPVMIIISRFADGDLDAVLSRANATEFGLASGVFTRDINKALYVSDKLQAGTVFVNTYNKTDV AAPFGGFKQSGFGKDLGEAALNEYLRVKTVTFEY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (89)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ALDH1L1 polyclonal antibody (A01), Lot # PUM4060503QCS1. Western Blot analysis of ALDH1L1 expression in human liver.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ALDH1L1

Entrez GeneID

[10840](#)

GeneBank Accession#

[NM_012190](#)

Protein Accession#

[NP_036322](#)

Gene Name

ALDH1L1

Gene Alias

DKFZp781N0997, FTHFD

Gene Description

aldehyde dehydrogenase 1 family, member L1

Omim ID

[600249](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene catalyzes the conversion of 10-formyltetrahydrofolate, NADP, and water to tetrahydrofolate, NADPH, and carbon dioxide. The encoded protein belongs to the aldehyde dehydrogenase family and is responsible for formate oxidation in vivo. Deficiencies in this gene can result in an accumulation of formate and subsequent methanol poisoning. [provided by RefSeq]

Other Designations

formyltetrahydrofolate dehydrogenase

Publication Reference

- [Changes of the hepatic proteome in murine models for toxically induced fibrogenesis and sclerosing cholangitis.](#)

Henkel C, Roderfeld M, Weiskirchen R, Berres ML, Hillebrandt S, Lammert F, Meyer HE, Stuhler K, Graf J, Roeb E.
Proteomics 2006 Nov; 6(24):6538.

Application: WB-Ti, Mouse, Mouse liver

Pathway

- [One carbon pool by folate](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Lung Neoplasms](#)

- [Lymphoma](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Spinal Dysraphism](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)