



Datasheet for ABIN1329146
anti-P5CS antibody (AA 1-795)



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1 Image

Overview

Quantity:	50 µg
Target:	P5CS (ALDH18A1)
Binding Specificity:	AA 1-795
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This P5CS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human ALDH18A1 protein.
Immunogen:	ALDH18A1 (ADR83253.1, 1 a.a. ~ 795 a.a) full-length human protein.
Sequence:	MLSQVYRCGF QPFNQHLLPW VKCTTVFRSH CIQPSVIRHV RSWSNIPFIT VPLSRTHGKS FAHRSELKHA KRIVVKLGSA VVTRGDECGL ALGRLASIVE QSVLQNQGR EMMMLVTSGAV AFGKQRLRHE ILLSQSVRQA LHSGQNQLKE MAIPVLEARA CAAAGQSGLM ALYEAMFTQY SICAAQILVT NLDHFHDEQKR RNLNGTLHEL LRMNIVPIVN TNDVPPAE PNSDLQGVNV ISVKDNDSL ARLAVEMKTD LLIVLSDVEG LFDSPPGSDD AKLIDIFYPG DQQSVTFGTK SRVGMGMEGA KVKAALWALQ GGTSVVIANG THPKVSGHVI TDIVEGKKVG TFFSEVKPAG PTVEQQGEMA RSGGRMLATL EPEQRAEIIH HLADLLTDQR DEILLANKKD LEEAEGRLAA PLLKRLSLST SKLNLSLAIGL RQIAASSQDS VGRVLRRTRI AKNLELEQVT VPIGVLLVIF ESRPDCLPQV AALAIASGNG LLLKGGKEAA HSNRILHLLT QEALSIHGVK EAVQLVNTRE EVEDLCRLDK MIDLIIPRGS SQLVRDIQKA AKGIPVMGHS EGICHMYVDS EASVDKVTRL

Product Details

VRDSKCEYPA ACNALETLI HRDLLRTPLF DQIIDMLRVE QVKIHAGPKF ASYLTFSPSE
VKSLRTEYGD LELCIEVVDN VQDAIDHIHK YGSSHTDVIV TEDENTAEFF LQHVDSACVF
WNASTRFSDG YRFGLGAEVG ISTSRIHARG PVGLEGLLTT KWLLRGKDHV VSDFSEHGSL
KYLHENLPIP QRNTN

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: P5CS (ALDH18A1)

Alternative Name: ALDH18A1 ([ALDH18A1 Products](#))

Background: Full Gene Name: aldehyde dehydrogenase 18 family, member A1
Synonyms: GSAS,MGC117316,P5CS,PYCS

Gene ID: 5832

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

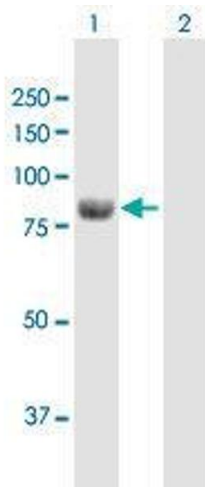
Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

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



Western Blotting

Image 1. Western Blot analysis of ALDH18A1 expression in transfected 293T cell line by ALDH18A1 MaxPab polyclonal antibody.

Lane 1: ALDH18A1 transfected lysate(87.5 KDa).

Lane 2: Non-transfected lysate.