

Datasheet for ABIN6292801
anti-ALDH1L2 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	ALDH1L2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH1L2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human ALDH1L2
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	ALDH1L2
Alternative Name:	ALDH1L2 (ALDH1L2 Products)
Background:	This gene encodes a member of both the aldehyde dehydrogenase superfamily and the formyl transferase superfamily. This member is the mitochondrial form of 10-formyltetrahydrofolate dehydrogenase (FDH), which converts 10-formyltetrahydrofolate to tetrahydrofolate and CO ₂ in an NADP(+)-dependent reaction, and plays an essential role in the distribution of one-carbon groups between the cytosolic and mitochondrial compartments of the cell. Alternatively spliced

Target Details

	transcript variants have been found for this gene.
Molecular Weight:	101.746 kDa
Gene ID:	160428
UniProt:	Q3SY69

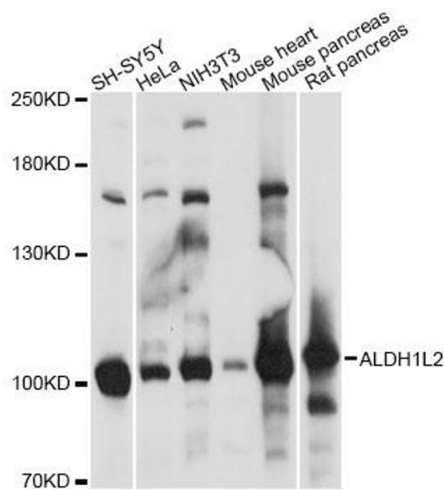
Application Details

Application Notes:	WB 1:500 - 1:2000
Comment:	Highly expressed in pancreas, heart, brain and skeletal muscle
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ALDH1L2 antibody (ABIN6292801) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.