

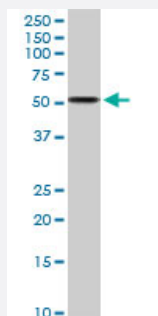
MaxPab®

ALDH3A2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000224-D01P

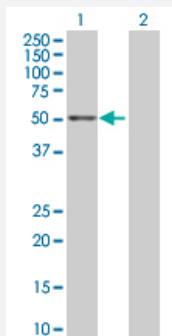
Size 100 ug

Applications



Western Blot (Cell lysate)

ALDH3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDH3A2 expression in HepG2.



Western Blot (Transfected lysate)

Western Blot analysis of ALDH3A2 expression in transfected 293T cell line ([H00000224-T02](#)) by ALDH3A2 MaxPab polyclonal antibody.

Lane 1: ALDH3A2 transfected lysate(57.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ALDH3A2 protein.

Immunogen

ALDH3A2 (NP_001026976.1, 1 a.a. ~ 508 a.a) full-length human protein.

Sequence

MELEVRRVRQAFLSGRSRPLRFRLQQLEALRRMVQEREKDILTAIADLCKSEFNVSQEVITVLG
EIDFMLENLPEWVTAKPVKKNVLTMLDEAYIQPQPLGVVLIIGAWNYPFVLTIQPLIGAIAGNAVIIKP
SESENTAKILAKLLPQYLDQDLVINGGVEETTELLKQRFDHIFYTGNTAVGKVMEEAAKHLTPVT
LELGKSPCYIDKDCDLDMCRRITWGKYMNCGQTCIAPDYILCEASLQNQVWKIKETVKEFYGENI
KESPDYERIINLRHFKRILSLLEGQKIAFGGETDEATRYIAPTTLTDVDPKTKVMQEEIFGPILPMPVK
NVDEAINFINEREKPLALYVFSHNHKLKRMIDETSSGGVTGNDVIMHFTLNSFPFGGVGSSGMGAY
HGKHSFDTFSHQRPCLLSLKREGANKLRYPNSQSKVDWGKFFLLKRFNKEKLGLLLTFLGM
AAVLVKKYQAVLRRKALLIFLVVHRLRWSSKQR

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Cell lysate)

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[Protocol Download](#)

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Gene Info — ALDH3A2

Entrez GeneID	224
GeneBank Accession#	NM_001031806.1
Protein Accession#	NP_001026976.1
Gene Name	ALDH3A2
Gene Alias	ALDH10, DKFZp686E23276, FALDH, FLJ20851, SLS
Gene Description	aldehyde dehydrogenase 3 family, member A2
Omim ID	270200 609523
Gene Ontology	Hyperlink

Gene Summary

Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This gene product catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acid. Mutations in the gene cause Sjogren-Larsson syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000065801|aldehyde dehydrogenase 10|aldehyde dehydrogenase 3A2|fatty aldehyde dehydrogenase

Pathway

- [3-Chloroacrylic acid degradation](#)
- [Arginine and proline metabolism](#)
- [Ascorbate and aldarate metabolism](#)
- [beta-Alanine metabolism](#)
- [Butanoate metabolism](#)
- [Fatty acid metabolism](#)
- [Glycerolipid metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Histidine metabolism](#)
- [Limonene and pinene degradation](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)
- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)
- [Tryptophan metabolism](#)
- [Valine](#)

Disease

- [Genetic Predisposition to Disease](#)

- [Narcolepsy](#)
- [Tobacco Use Disorder](#)