

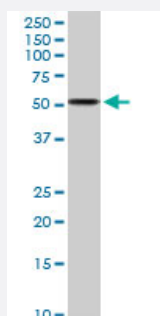
MaxPab®

ALDH3A2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000224-D01

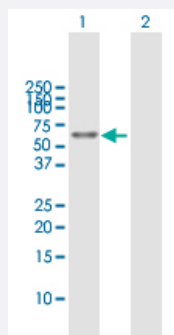
Size 100 uL

Applications



Western Blot (Cell lysate)

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

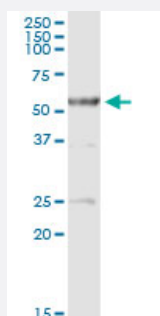


Western Blot (Transfected lysate)

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

Lane 1: ALDH3A2 transfected lysate(57.7 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ALDH3A2 transfected lysate using anti-ALDH3A2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ALDH3A2 purified MaxPab mouse polyclonal antibody (B01P) ([H00000224-B01P](#)).

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	MELEVRRVRQAFLSGRSRPLRFRLQQLEALRRMVQEREKDILTAIADLCKSEFNVYSQEVITVLG EIDFMLENLPEWVTAKPVKKNVLTMLDEAYIQPQLGVVLIIGAWNYPFVLTIQPLIGAAAGNAVIIKP SESENTAKILAKLLPQYLDQDLVINGGVEETTELLKQRFDHIFYTGNTAVGKVMEEAAKHLTPVT LELGKSPCYDKDCDLDMCRRITWGKYMNCGQTCIAPDYILCEASLQNQIVWKIKETVKEFYGENI KESPDYERIINLRHFKRILSLLEGQKIAFGGETDEATRYIAPTVLTDVDPKTKVMQEEIFGPILPVPVK NVDEAINFINEREKPLALYVFSHNHKLKRMIDETSSGGVTGNDVIMHFTLNSFPFGGVGSSGMGAY HGKHSFDTFSHQRPCLLKSLLKREGANKLRYPPNSQSKVDWGKFFLLKRFNKEKLGLLLLTFLGM AAVLVKKYQAVLRRKALLIFLVVHRLRWSSKQR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- Western Blot (Transfected lysate)

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- Immunoprecipitation

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[Protocol Download](#)

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](#)