

DNAxPAb

Hard-to-Find
Antibody

ALDH3A2 DNAxPab

Catalog # H00000224-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALDH3A2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MELEVRRVRQAFLSGRSRPLRFRLQQLEALRRMVQEREKDILTAIADLCKSEFNVYSQEVITVLG EIDFMLENLPEWVTAKPVKKNVL TMLDEAYIQPQPLGVVLIIGAWNYPFVLTIQPLIGAIAGNAVIIKP SESENTAKILAKLLPQYLDQDLYVINGGVEETTELLKQRFDHIFTGNTAVGKVMEEAAKHLTPVT LELGKSPCYIDKDCDLDIVCRITWGKYMNCGQTCIAPDYILCEASLQNQIVWKIKETVKEFYGENI KESPDYERIINLRHFKRILSLLEGQKIAFGGETDEATRYIPTVLTDVDPKTKVMQEEIFGPILPVPVK NVDEAINFINEREKPLALYVFSHNHKLKRMIDETSSGGVTGNDVIMHFTLNSFPFGGVGSSGMGAY HGKHSFDTFSHQRPCLLKSLKREGANKLRYPPNSQSKVDWGKFFLLKRFNKEKLGLLLTFLGM AAVLVKKYQAVLRRKALLIFLVVHRLRWSSKQR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)