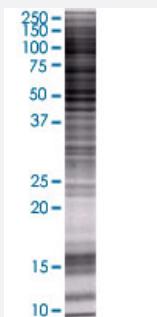


ALDH3A2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000224-T01

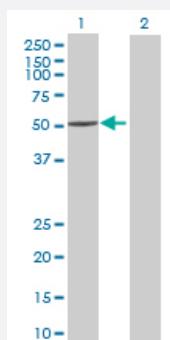
Size 100 uL

Applications



SDS-PAGE Gel

ALDH3A2 transfected lysate.



Western Blot

Lane 1: ALDH3A2 transfected lysate (55.99 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ALDH3A2 full-length
Host	Human
Theoretical MW (kDa)	55.99
Interspecies Antigen Sequence	Mouse (85); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ALDH3A2 antibody ([H00000224-B01](#)) by Western Blots.
SDS-PAGE Gel
ALDH3A2 transfected lysate.
Western Blot
Lane 1: ALDH3A2 transfected lysate (55.99 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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](#)