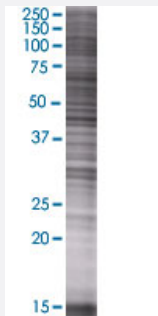


# ALDH3B1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000221-T01

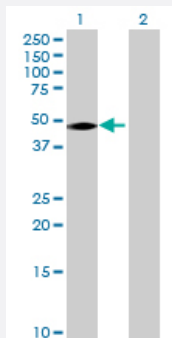
Size 100 uL

## Applications



### SDS-PAGE Gel

ALDH3B1 transfected lysate.



### Western Blot

Lane 1: ALDH3B1 transfected lysate ( 47.52 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                          |
|-------------------------------|--------------------------|
| Transfected Cell Line         | 293T                     |
| Plasmid                       | pCMV-ALDH3B1 full-length |
| Host                          | Human                    |
| Theoretical MW (kDa)          | 47.52                    |
| Interspecies Antigen Sequence | Mouse (77); Rat (79)     |

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-ALDH3B1 antibody ([H00000221-B01](#)) by Western Blots.  
SDS-PAGE Gel  
ALDH3B1 transfected lysate.  
Western Blot  
Lane 1: ALDH3B1 transfected lysate ( 47.52 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 — ALDH3B1

**Entrez GeneID**[221](#)**GeneBank Accession#**[NM\\_001030010.1](#)**Protein Accession#**[NP\\_001025181.1](#)**Gene Name**

ALDH3B1

**Gene Alias**

ALDH4, ALDH7, FLJ26433

**Gene Description**

aldehyde dehydrogenase 3 family, member B1

**Omim ID**[600466](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular gene spans about 20 kb of genomic DNA and is composed of 9 coding exons. The gene is highly expressed in kidney and lung. The functional significance of this gene as well as the cellular localization of its product are presently unknown. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

aldehyde dehydrogenase 3B1|aldehyde dehydrogenase 7

## Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glycolysis / Gluconeogenesis](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)