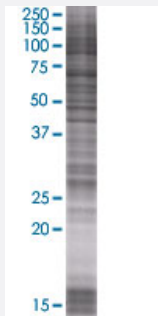


ADH6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000130-T01

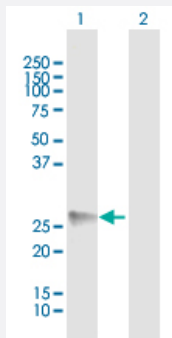
Size 100 uL

Applications



SDS-PAGE Gel

ADH6 transfected lysate.



Western Blot

Lane 1: ADH6 transfected lysate (32.56 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ADH6 full-length

Host Human

Theoretical MW (kDa) 32.56

Interspecies Antigen Sequence Rat (67)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ADH6 antibody ([H00000130-B01](#)) by Western Blots.
SDS-PAGE Gel
ADH6 transfected lysate.
Western Blot
Lane 1: ADH6 transfected lysate (32.56 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 — ADH6

Entrez GeneID[130](#)**GeneBank Accession#**[BC039065.1](#)**Protein Accession#**[AAH39065.1](#)**Gene Name**

ADH6

Gene Alias

ADH-5

Gene Description

alcohol dehydrogenase 6 (class V)

Omim ID[103735](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes class V alcohol dehydrogenase, which is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This gene is expressed in the stomach as well as in the liver, and it contains a glucocorticoid response element upstream of its 5' UTR, which is a steroid hormone receptor binding site. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000161649|aldehyde reductase|class V alcohol dehydrogenase 6

Pathway

- [1- and 2-Methylnaphthalene degradation](#)
- [3-Chloroacrylic acid degradation](#)
- [Drug metabolism - cytochrome P450](#)
- [Fatty acid metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Retinol metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Alcoholism](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Substance-Related Disorders](#)