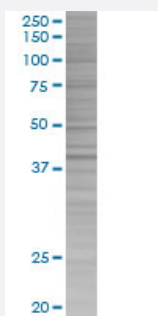


ADH1B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000125-T01

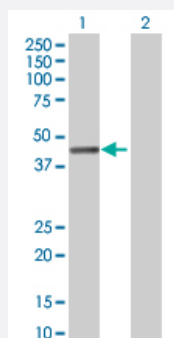
Size 100 uL

Applications



SDS-PAGE Gel

ADH1B transfected lysate.



Western Blot

Lane 1: ADH1B transfected lysate (39.9 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ADH1B full-length

Host Human

Theoretical MW (kDa) 39.9

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ADH1B antibody ([H00000125-B01](#)) by Western Blots.

SDS-PAGE Gel

ADH1B transfected lysate.

Western Blot

Lane 1: ADH1B transfected lysate (39.9 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 — ADH1B

Entrez GeneID	125
GeneBank Accession#	BC033009.2
Protein Accession#	-
Gene Name	ADH1B
Gene Alias	ADH2, DKFZp686C06125
Gene Description	alcohol dehydrogenase 1B (class I), beta polypeptide
Omim ID	103720 103780
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This encoded protein, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster. [provided by RefSeq]
Other Designations	ADH, beta subunit alcohol dehydrogenase 2 (class I), beta polypeptide alcohol dehydrogenase 1B (class I), beta polypeptide aldehyde reductase class I alcohol dehydrogenase, beta subunit

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

- [Abnormalities](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Alcoholic Intoxication](#)
- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Antisocial Personality Disorder](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)

- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cocarcinogenesis](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [DNA Damage](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Essential tremor](#)
- [Facial Asymmetry](#)
- [Femur Head Necrosis](#)
- [Fetal Alcohol Syndrome](#)
- [Fetal Diseases](#)

- [Fetal Growth Retardation](#)
- [Flushing](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Glomerulonephritis](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Heart Diseases](#)
- [Hepatitis](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Laryngeal Neoplasms](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Neoplasms](#)
- [Mesothelioma](#)
- [Migraine Disorders](#)
- [Mouth Neoplasms](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Obesity](#)
- [Oropharyngeal Neoplasms](#)

- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Perception](#)
- [Pharyngeal Neoplasms](#)
- [Pleural Neoplasms](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Schizophrenia](#)
- [Set \(Psychology\)](#)
- [Skin Diseases](#)
- [Stomach Neoplasms](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Unconsciousness](#)
- [Wounds and Injuries](#)