

DNAxPAb

Hard-to-Find
Antibody

ADH1B DNAxPab

Catalog # H00000125-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ADH1B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSTAGKVIKCKAAVLWEVKKPFSIEDVEVAPPKAYEVRIKMVAVGICRTDDHVVSGNLVTPLPVIL GHEAAGVESVGEVTTVKPGDKVIPLFTPQCGKCRVCKNPESNYCLKNDLGNPRGTLQDGTRR FTCRGKPIHHFLGTSTFSQYTVVDENAVAKIDAASPLEKVCLIGCGFSTGYGSAVNVAKVTPGSTC AVFGLGGVGLSAVMGCKAAGAARIIVDINKDKFAKAKELGATECINPDYKKPIQEVLKEMTDGG VDFSFEVIGRLDTMMASLLCCHEACGTSVIVGVPPASQNLINPMLLLTGRTWKGA VYGGFKSKE GIPKLVADFMAKKFSLDALITHVLPFEKINEGFDLLHSGKSIRTVLTF
Host	Rabbit
Reactivity	Human
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 — ADH1B

Entrez GeneID [125](#)

GeneBank Accession# [BC033009.2](#)

Protein Accession# [AAH33009.1](#)

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](#)