

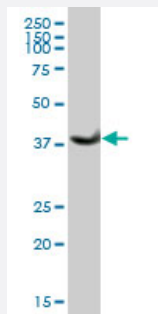
MaxPab®

ADH1B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000125-B01P

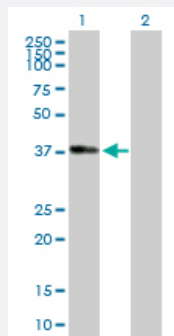
Size 50 ug

Applications



Western Blot (Tissue lysate)

ADH1B MaxPab polyclonal antibody. Western Blot analysis of ADH1B expression in human liver.

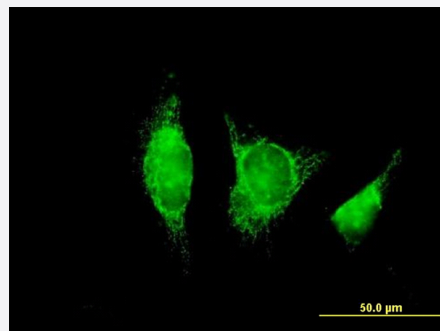


Western Blot (Transfected lysate)

Western Blot analysis of ADH1B expression in transfected 293T cell line ([H00000125-T01](#)) by ADH1B MaxPab polyclonal antibody.

Lane 1: ADH1B transfected lysate(41.25 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ADH1B on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ADH1B protein.

Immunogen	ADH1B (AAH33009.1, 1 a.a. ~ 375 a.a) full-length human protein.
Sequence	MSTAGKVIKCKAAVLWEVKKPFSIEDVEVAPPKAYEVRIKMVAVGICRTDDHVVSGNLVTPLPVIL GHEAAGVSVGEGVTTVKPGDKVIPLFTPQCGKCRVCKNPESNYCLKNDLGNPRGTLQDGTRR FTCRGKPIHHFLGTSTFSQYTVVDENAVAKIDAASPLEKVCLIGCGFSTGYGSAVNVAKVTPGSTC AVFGLGGVGLSAVMGCKAAGAARIAVDINKDKFAKAKELGATECINPQDYKKPIQEVLKEMTDGG VDFSFEVIGRLDTMMASLLCCHEACGTSVIVGVPPASQNLINPMLLLTGRTWKGA VYGGFKSKE GIPKLVA DFM AKKFSLDALITHVLPFEKINEGFDLLHSGKSIRTVLTF
Host	Mouse
Reactivity	Human
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 (Tissue lysate)

ADH1B MaxPab polyclonal antibody. Western Blot analysis of ADH1B expression in human liver.

[Protocol Download](#)

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Western Blot analysis of ADH1B expression in transfected 293T cell line ([H00000125-T01](#)) by ADH1B MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ADH1B on HeLa cell. [antibody concentration 10 ug/ml]

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 IB (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](#)