

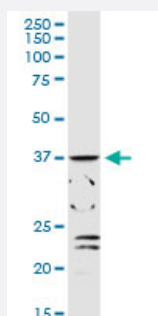
MaxPab®

ADH1C MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000126-D01

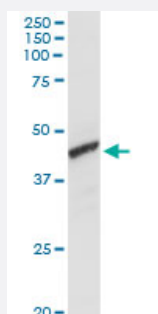
Size 100 uL

Applications



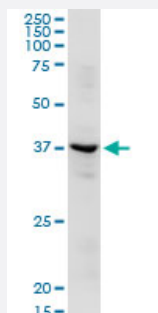
Western Blot (Tissue lysate)

ADH1C MaxPab rabbit polyclonal antibody. Western Blot analysis of ADH1C expression in human liver.



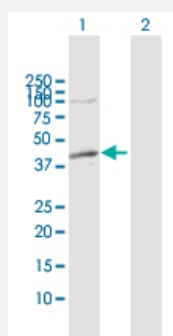
Western Blot (Tissue lysate)

ADH1C MaxPab rabbit polyclonal antibody. Western Blot analysis of ADH1C expression in mouse liver.



Western Blot (Cell lysate)

ADH1C MaxPab rabbit polyclonal antibody. Western Blot analysis of ADH1C expression in Raw 264.7.

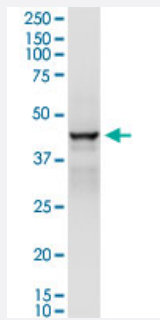


Western Blot (Transfected lysate)

Western Blot analysis of ADH1C expression in transfected 293T cell line ([H00000126-T01](#)) by ADH1C MaxPab polyclonal antibody.

Lane 1: ADH1C transfected lysate(39.9 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ADH1C transfected lysate using anti-ADH1C MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ADH1C purified MaxPab mouse polyclonal antibody (B01P) ([H00000126-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ADH1C protein.
Immunogen	ADH1C (NP_000660.1, 1 a.a. ~ 375 a.a) full-length human protein.
Sequence	MSTAGKVIKCKAAVLWELKKPFSIEEVEVAPPKAHEVRIKMVAAGICRSDEHVVSGNLVTPLPVIL GHEAAGVESVGEVTTVKPGDKVIPLFTPQCCKCRICKNPESNYCLKNDLGNPRGTLQDGTRRF TCSGKPIHHFVGVSTFSQYTVVDENAVAKIDAASPLEKVCLIGCGFSTGYGSAVKVAKVTPGSTC AVFGLGGVGLSVVMGCKAAGAARIAVDINKDKFAKAKELGATECINPDYKKPIQEVLKEMTDGG VDFSFEVIGRLDTMMASLLCCHEACGTSVIVGVPPDSQNLINPMLLLTGRTWKGAIFGGFKSKES VPKLVADFMAKKFSLDALITNLPFEKINEGFDLLRSGKSIRTVLTF
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (85); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ADH1C MaxPab rabbit polyclonal antibody. Western Blot analysis of ADH1C expression in human liver.

[Protocol Download](#)

- Western Blot (Tissue lysate)

ADH1C MaxPab rabbit polyclonal antibody. Western Blot analysis of ADH1C expression in mouse liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

ADH1C MaxPab rabbit polyclonal antibody. Western Blot analysis of ADH1C expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ADH1C expression in transfected 293T cell line ([H00000126-T01](#)) by ADH1C MaxPab polyclonal antibody.

Lane 1: ADH1C transfected lysate(39.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of ADH1C transfected lysate using anti-ADH1C MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ADH1C purified MaxPab mouse polyclonal antibody (B01P) ([H00000126-B01P](#)).

[Protocol Download](#)

Gene Info — ADH1C

Entrez GeneID [126](#)

GeneBank Accession# [NM_000669.3](#)

Protein Accession# [NP_000660.1](#)

Gene Name ADH1C

Gene Alias ADH3

Gene Description alcohol dehydrogenase 1C (class I), gamma polypeptide

Omim ID [103730](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes class I alcohol dehydrogenase, gamma subunit, which 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. Class I alcohol dehydrogenase, 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, gamma subunit|alcohol dehydrogenase 3 (class I), gamma polypeptide|aldehyde reductase|class I alcohol dehydrogenase, gamma 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

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adenomatous Polyps](#)
- [Alcohol Withdrawal Delirium](#)
- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Atherosclerosis](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cell Transformation](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Craniofacial Abnormalities](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)

- [Flushing](#)
- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Heart Diseases](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Hypopharyngeal Neoplasms](#)
- [Infection](#)
- [Inflammation](#)
- [Laryngeal Neoplasms](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Microsatellite Instability](#)
- [Migraine Disorders](#)
- [Mouth Abnormalities](#)
- [Mouth Neoplasms](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Oropharyngeal Neoplasms](#)
- [Osteonecrosis](#)
- [Pancreatic cancer](#)

- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Parkinson disease](#)
- [Perception](#)
- [Pharyngeal Neoplasms](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Pulmonary Disease](#)
- [Skin Diseases](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)