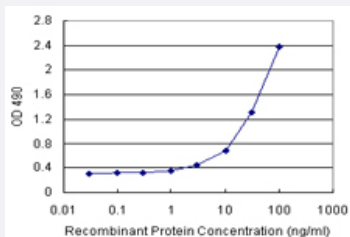


ADH1C (Human) Matched Antibody Pair

Catalog # H00000126-AP21 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human ADH1C.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00000126-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-ADH1C (100 ug) 2. Detection antibody: mouse purified polyclonal anti-ADH1C (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — ADH1C

Entrez GeneID [126](#)

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](#)