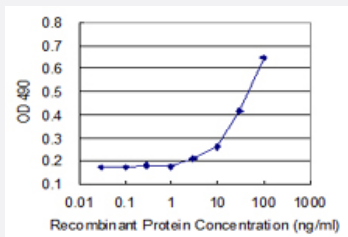


ADH7 (Human) Matched Antibody Pair

Catalog # H00000131-AP22 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 3 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 ADH7.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00000131-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-ADH7 (100 ug) 2. Detection antibody: mouse purified polyclonal anti-ADH7 (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 — ADH7

Entrez GeneID	131
Gene Name	ADH7
Gene Alias	ADH-4
Gene Description	alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide
Omim ID	600086
Gene Ontology	Hyperlink
Gene Summary	This gene encodes class IV alcohol dehydrogenase 7 mu or sigma subunit, which is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products . The enzyme encoded by this gene is inefficient in ethanol oxidation, but is the most active as a retinol dehydrogenase; thus it may participate in the synthesis of retinoic acid, a hormone important for cellular differentiation. The expression of this gene is much more abundant in stomach than liver, thus differing from the other known gene family members. [provided by RefSeq
Other Designations	alcohol dehydrogenase-7[class IV alcohol dehydrogenase 7 mu or sigma subunit]gastric alcohol dehydrogenase

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

- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Atherosclerosis](#)
- [Carcinoma](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Esophageal Neoplasms](#)
- [Extraversion \(Psychology\)](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Multiple System Atrophy](#)
- [Oropharyngeal Neoplasms](#)
- [Substance-Related Disorders](#)