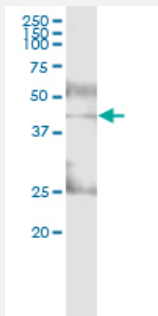


# ADH4 (Human) IP-WB Antibody Pair

Catalog # H00000127-PW2

Size 1 Set

## Applications



Immunoprecipitation of ADH4 transfected lysate using rabbit polyclonal anti-ADH4 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-ADH4.

## Specification

|                                |                                                                                                                                                                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.                                                                                                    |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                           |
| <b>Quality Control Testing</b> | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of ADH4 transfected lysate using rabbit polyclonal anti-ADH4 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-ADH4. |
| <b>Supplied Product</b>        | Antibody pair set content:<br>1. Antibody pair for IP: rabbit polyclonal anti-ADH4 (300 ul)<br>2. Antibody pair for WB: mouse purified polyclonal anti-ADH4 (50 ug)                                                                             |
| <b>Storage Instruction</b>     | 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

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — ADH4

Entrez GeneID [127](#)

Gene Name ADH4

Gene Alias ADH-2

Gene Description alcohol dehydrogenase 4 (class II), pi polypeptide

Omim ID [103740](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes class II alcohol dehydrogenase 4 pi 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 II alcohol dehydrogenase is a homodimer composed of 2 pi subunits. It exhibits a high activity for oxidation of long-chain aliphatic alcohols and aromatic alcohols and is less sensitive to pyrazole. This gene is localized to chromosome 4 in the cluster of alcohol dehydrogenase genes. [provided by RefSeq]

**Other Designations** aldehyde reductase|class II alcohol dehydrogenase 4, pi 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](#)
- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cluster Headache](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Esophageal Neoplasms](#)
- [Extraversion \(Psychology\)](#)
- [Flushing](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Parkinson disease](#)
- [Personality Inventory](#)
- [Substance-Related Disorders](#)