



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## ADH4 (Human) IP-WB Antibody Pair

Catalog # : H00000127-PW2

規格 : [ 1 Set ]

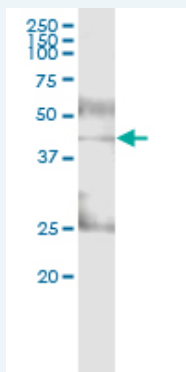
[List All](#)

### Specification

**Product Description:** This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

**Reactivity:** Human

**Quality Control Testing:** Immunoprecipitation-Western Blot (IP-WB)



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

**Supplied Product:** Antibody pair set content:  
 1. Antibody pair for IP: rabbit polyclonal anti-ADH4 (300 ul)  
 2. Antibody pair for WB: mouse purified polyclonal anti-ADH4 (50 ug)

**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

Immunoprecipitation-Western Blot

 [Protocol Download](#)

### Gene Information

**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

### Gene 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](#)

### Related Disease

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[Cleft Palate](#) [Cluster Headache](#) [Disease Models, Animal Diseases in Twins](#)  
[Esophageal Neoplasms](#) [Extraversion \(Psychology\)](#) [Flushing](#)  
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