



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## ALDH3A1 (Human) IP-WB Antibody Pair

Catalog # : H00000218-PW1

規格 : [ 1 Set ]

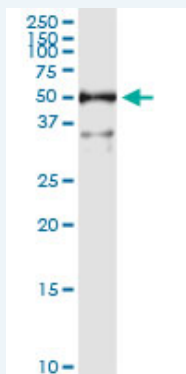
[List All](#)

### 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 ALDH3A1 transfected lysate using rabbit polyclonal anti-ALDH3A1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-ALDH3A1.

**Supplied Product:** Antibody pair set content:  
 1. Antibody pair for IP: rabbit polyclonal anti-ALDH3A1 (300 ul)  
 2. Antibody pair for WB: mouse purified polyclonal anti-ALDH3A1 (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.

**MSDS:** [Download](#)

### Applications

**Immunoprecipitation-Western Blot**

[Protocol Download](#)

### Gene Information

**Entrez GeneID:** [218](#)

**Gene Name:** ALDH3A1

**Gene Alias:** ALDH3,ALDHIII,MGC10406

**Gene Description:** aldehyde dehydrogenase 3 family, memberA1

**Omim ID:** [100660](#)

### Application Image

Immunoprecipitation-Western Blot

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** Aldehyde dehydrogenases oxidize various aldehydes to the corresponding acids. They are involved in the detoxification of alcohol-derived acetaldehyde and in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation. The enzyme encoded by this gene forms a cytoplasmic homodimer that preferentially oxidizes aromatic and medium-chain (6 carbons or more) saturated and unsaturated aldehyde substrates. It is thought to promote resistance to UV and 4-hydroxy-2-nonenal-induced oxidative damage in the cornea. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

**Other Designations:** aldehyde dehydrogenase 3A1, aldehyde dehydrogenase isozyme 3, aldehyde dehydrogenase type III, aldehyde dehydrogenase, dimeric NADP-preferring, stomach aldehyde dehydrogenase

### Gene Pathway

[Drug metabolism - cytochrome P450](#) [Glycolysis / Gluconeogenesis](#) [Histidine metabolism](#)  
[Metabolic pathways](#) [Metabolism of xenobiotics by cytochrome P450](#)  
[Phenylalanine metabolism](#) [Tyrosine metabolism](#)

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