



SZABO  
SCANDIC

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## 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

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## ALDH4A1 (Human) IP-WB Antibody Pair

Catalog # : H00008659-PW1

規格 : [ 1 Set ]

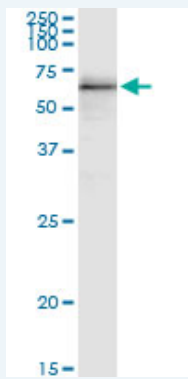
List All

### 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 ALDH4A1 transfected lysate using rabbit polyclonal anti-ALDH4A1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-ALDH4A1.

**Supplied Product:** Antibody pair set content:  
 1. Antibody pair for IP: rabbit polyclonal anti-ALDH4A1 (300 ul)  
 2. Antibody pair for WB: mouse purified polyclonal anti-ALDH4A1 (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:** [8659](#)

**Gene Name:** ALDH4A1

**Gene Alias:** ALDH4,P5CD,P5CDh,P5CDhL,P5CDhS

**Gene Description:** aldehyde dehydrogenase 4 family, member A1

**Omim ID:** [239510](#), [606811](#)

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

**Gene Summary:** This protein belongs to the aldehyde dehydrogenase family of proteins. This enzyme is a mitochondrial matrix NAD-dependent dehydrogenase which catalyzes the second step of the proline degradation pathway, converting pyrroline-5-carboxylate to glutamate. Deficiency of this enzyme is associated with type II hyperprolinemia, an autosomal recessive disorder characterized by accumulation of delta-1-pyrroline-5-carboxylate (P5C) and proline. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

**Other Designations:** OTTHUMP00000002544,OTTHUMP00000002545,P5C dehydrogenase,aldehyde dehydrogenase 4A1,mitochondrial delta-1-pyrroline 5-carboxylate dehydrogenase

### Gene Pathway

[Alanine, aspartate and glutamate metabolism](#) [Arginine and proline metabolism](#)  
[Metabolic pathways](#)

### Related Disease

[Adenocarcinoma](#) [Esophageal Neoplasms](#) [Hearing Loss](#)

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