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Produktinformation

- Forschungsprodukte & Biochemikalien
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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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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) Matched Antibody Pair

Catalog # : H00008659-AP21 **規格 :** [1 Set]

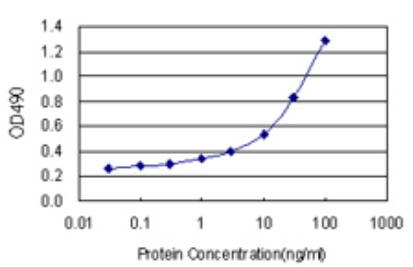
List All

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human ALDH4A1.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00008659-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-ALDH4A1 (100 ug)
2. Detection antibody: mouse purified polyclonal anti-ALDH4A1 (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.

MSDS: Download

Applications

ELISA Pair (Recombinant protein)

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

Application Image

ELISA Pair (Recombinant protein)

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