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Forschungsprodukte & Biochemikalien



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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

www.szabo-scandic.com

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

ADH5 (Human) Matched Antibody Pair

Catalog # : H00000128-AP21

規格 : [1 Set]

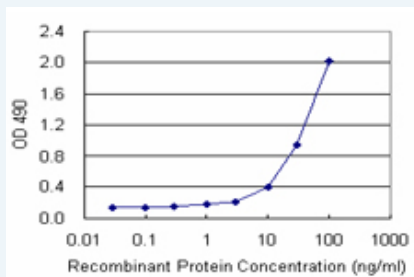
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human ADH5.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00000128-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-ADH5 (100 ug)
 2. Detection antibody: mouse purified polyclonal anti-ADH5 (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: [128](#)

Gene Name: ADH5

Gene Alias: ADH-3,ADHX,FDH,GSNOR

Gene Description: alcohol dehydrogenase 5 (class III), chi polypeptide

Omim ID: [103710](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. The encoded protein forms a homodimer. It has virtually no activity for ethanol oxidation, but exhibits high activity for oxidation of long-chain primary alcohols and for oxidation of S-hydroxymethyl-glutathione, a spontaneous adduct between formaldehyde and glutathione. This enzyme is an important component of cellular metabolism for the elimination of formaldehyde, a potent irritant and sensitizing agent that causes lacrymation, rhinitis, pharyngitis, and contact dermatitis. The human genome contains several non-transcribed pseudogenes related to this gene. [provided by RefSeq]

Other Designations: alcohol dehydrogenase (class III), chi polypeptide, class III alcohol dehydrogenase 5, formaldehyde dehydrogenase, glutathione-dependent formaldehyde dehydrogenase

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](#) [Methane metabolism](#)
[Retinol metabolism](#) [Tyrosine metabolism](#)

Related Disease

[Alcoholism](#) [Asthma](#) [Asthma](#) [Cleft Lip](#) [Cleft Palate](#) [Disease Models, Animal](#)
[Diseases in Twins](#) [Flushing](#) [Genetic Predisposition to Disease](#) [Head and Neck Neoplasms](#)
[Hearing Loss](#) [Hypersensitivity, Immediate](#) [Lymphoma, Non-Hodgkin](#) [Narcolepsy](#)
[Neoplasm Recurrence, Local](#) [Neoplasms, Second Primary](#) [Substance-Related Disorders](#)

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