

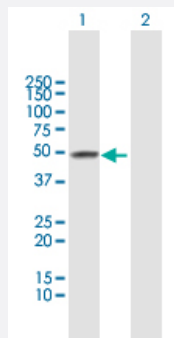
MaxPab®

ADH4 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000127-D01

Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ADH4 expression in transfected 293T cell line ([H00000127-T01](#)) by ADH4 MaxPab polyclonal antibody.

Lane 1: ADH4 transfected lysate(40.2 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ADH4 transfected lysate using anti-ADH4 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ADH4 purified MaxPab mouse polyclonal antibody (B01P) ([H00000127-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ADH4 protein.

Immunogen

ADH4 (AAH22319.1, 1 a.a. ~ 380 a.a) full-length human protein.

Sequence

MGTKGKVIKCKAAIAWEAGKPLCIEEVEVAPPKAHEVRIQIATSLCHTDATVIDSKFEGLAFPVVG
HEAAGVESIGPGVTNVKPGDKVIPLYAPLCRKCKFCLSPNLNCGKISNLKSPASDQQLMEDKTS
RFTCKGKPVYHFFGTSTFSQYTVVSDINLAKIDDDANLERVCLLGC GFSTGYGA INNAKVTPGST
CAVFG LGGVGLSAVMGCKAAGASRIIGIDINSEK FVKAKALGATDCLNPRDLHKPIQEVIIELTKGG
VDFALDCAGGSETMKAALDCTTAGWGSC TFIGVAAGSKGLTVFPEELIIGRTINGTFFGGWKSVD
SIPKLVTDYKNKKFNLDALVTHTL PFDKISEAFDLMNQGKSIRTILIF

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (72)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ADH4 expression in transfected 293T cell line ([H00000127-T01](#)) by ADH4 MaxPab polyclonal antibody.

Lane 1: ADH4 transfected lysate(40.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of ADH4 transfected lysate using anti-ADH4 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ADH4 purified MaxPab mouse polyclonal antibody (B01P) ([H00000127-B01P](#)).

[Protocol Download](#)

Gene Info — ADH4

Entrez GeneID	127
GeneBank Accession#	BC022319.1
Protein Accession#	AAH22319.1
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

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](#)

Disease

- [Adenocarcinoma](#)
- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cluster Headache](#)
- [Disease Models](#)
- [Diseases in Twins](#)

- [Esophageal Neoplasms](#)
- [Extraversion \(Psychology\)](#)
- [Flushing](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Parkinson disease](#)
- [Personality Inventory](#)
- [Substance-Related Disorders](#)