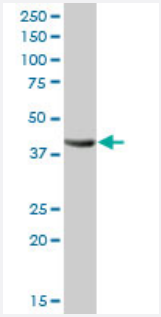
MaxPab®

ADH4 purified MaxPab mouse polyclonal antibody (B01P)

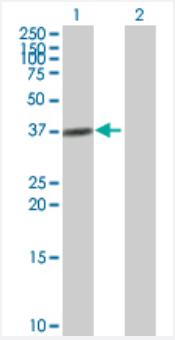
Catalog # H00000127-B01P Size 50 ug

Applications



Western Blot (Tissue lysate)

ADH4 MaxPab polyclonal antibody. Western Blot analysis of ADH4 expression in human liver.



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(41.8 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MGTKGKVIKCKAAIAWEAGKPLCIEEVEVAPPKAHEVRIQIIATSLCHTDATVIDSKFEGLAFPVIVG HEAAGIVESIGPGVTNVKPGDKVIPLYAPLCRKCKFCLSPLTNLCGKISNLKSPASDQQLMEDKTS RFTCKGKPVYHFFGTSTFSQYTVVSDINLAKIDDDANLERVCLLGCGFSTGYGAAINNAKVTPGST CAVFGLGGVGLSAVMGCKAAGASRIIGIDINSEKFVKAKALGATDCLNPRDLHKPIQEVIIELTKGG VDFALDCAGGSETMKAALDCTTAGWGSCTFIGVAAGSKGLTVFPEELIIGRTINGTFFGGWKSVD SIPKLVTDYKNKKFNLDALVTHTLPFDKISEAFDLMNQGKSIRTILIF
Host	Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (72)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  ADH4 MaxPab polyclonal antibody. Western Blot analysis of ADH4 expression in human liver.

  Protocol Download

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  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, in cluding 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 activ ity for oxidation of long-chain aliphatic alcohols and aromatic alcohols and is less sensitive to pyra zole. This gene is localized to chromosome 4 in the cluster of alcohol dehydrogenase genes. [pro vided 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