

Rabbit anti-Human, Mouse Alcohol dehydrogenase 4 Polyclonal Antibody | anti-ADH4 antibody

Rabbit anti-human Alcohol dehydrogenase 4 polyclonal Antibody(ADH4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119722	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

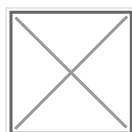
PRODUCT SYNONYMS

Alcohol dehydrogenase 4; Polyclonal Antibody; Rabbit anti-human Alcohol dehydrogenase 4 polyclonal Antibody(ADH4); Alcohol dehydrogenase class II pi chain; ADH4; anti-ADH4 antibody

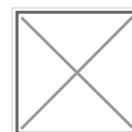
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	380
Applicable Applications for anti-ADH4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Alcohol dehydrogenase 4 protein (1-380aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-130943
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney using AAA119722 at dilution 1:100



WB (Western Blot)
All lanes: Alcohol dehydrogenase 4 antibody at 2ug/ml+mouse liver tissue
Secondary Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 41,43 kDa
Observed band size: 40 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ADH4 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71565152
NCBI GeneID	127
NCBI Accession #	NP_000661.2
NCBI GenBank Nucleotide #	NM_000670.4
UniProt Accession #	P08319; Q8TCD7; A8K470; B4DIE7; C9J4A9
Molecular Weight	42,607 Da
NCBI Official Full Name	alcohol dehydrogenase 4 isoform 2
NCBI Official Synonym Full Names	alcohol dehydrogenase 4 (class II), pi polypeptide
NCBI Official Symbol	ADH4
NCBI Official Synonym Symbols	ADH-2; HEL-S-4
NCBI Protein Information	alcohol dehydrogenase 4
UniProt Protein Name	Alcohol dehydrogenase 4
UniProt Gene Name	ADH4
UniProt Entry Name	ADH4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alcohol-dehydrogenase-4-antibody-immunohistochemistry-western-blot-elisa/119722>