

Rabbit ADH1A Polyclonal Antibody | anti-ADH1A antibody

ADH1A antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198993	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat, Yeast, Zebrafish	Western Blot

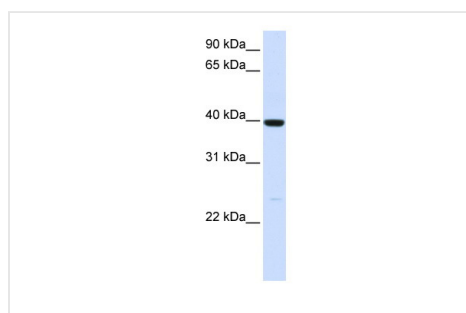
PRODUCT SYNONYMS

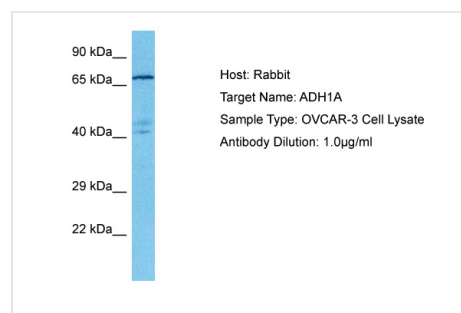
ADH1A; Polyclonal Antibody; ADH1A antibody - N-terminal region; anti-ADH1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NY CLKNDVSNPQ GTLQDGTSRF TCRRKPIHHF LGISTFSQYT VVDENAVA
Sequence Length	375
Applicable Applications for anti-ADH1A antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 100%; Guinea Pig: 92%; Horse: 93%; Human: 100%; Rabbit: 92%; Rat: 92%; Yeast: 85%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ADH1A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ADH1A Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human Liver

WB (Western Blot)

Host: Rabbit
Target Name: ADH1A
Sample Type: OVCAR-3 Cell Lysate
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ADH1A antibody	This is a rabbit polyclonal antibody against ADH1A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ADH1A is class I alcohol dehydrogenase, alpha 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 I alcohol dehydrogenase, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. This gene encodes class I alcohol dehydrogenase, alpha 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 I alcohol dehydrogenase, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster. This gene is monomorphic and predominant in fetal and infant livers, whereas the genes encoding beta and gamma subunits are polymorphic and strongly expressed in adult livers. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-ADH1A antibody	Polyclonal; Drugs and Drug Metabolism; Tissue Specific & Cell Marker; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501929
NCBI GeneID	124
NCBI Accession #	NP_000658
NCBI GenBank Nucleotide #	NM_000667
UniProt Accession #	P07327
Molecular Weight	40kDa
NCBI Official Full Name	alcohol dehydrogenase 1A
NCBI Official Synonym Full Names	alcohol dehydrogenase 1A (class I), alpha polypeptide
NCBI Official Symbol	ADH1A
NCBI Official Synonym Symbols	ADH1
NCBI Protein Information	alcohol dehydrogenase 1A
UniProt Protein Name	Alcohol dehydrogenase 1A
UniProt Gene Name	ADH1A
UniProt Synonym Gene Names	ADH1
UniProt Entry Name	ADH1A_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.