

Rabbit anti-Human ADH7 Polyclonal Antibody | anti-ADH7 antibody

ADH7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324432	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

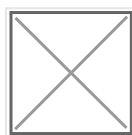
PRODUCT SYNONYMS

ADH7; Polyclonal Antibody; ADH7 Antibody; ADH 4; ADH 7; ADH; class IV; ADH4; Alcohol dehydrogenase 7 (class IV); mu or sigma polypeptide; alcohol dehydrogenase 7; alcohol dehydrogenase class 4 mu/sigma chain; Alcohol dehydrogenase class IV mu/sigma chain; alcohol dehydrogenase VII; class IV sigma 1 alcohol dehydrogenase; class IV sigmasigma alcohol dehydrogenase; Gastric alcohol dehydrogenase; Gastric H(+)/K(+) ATPase subunit alpha; Retinol dehydrogenase; anti-ADH7 antibody

PRODUCT SPECIFICATIONS

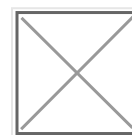
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ADH7 antibody detects endogenous levels of total ADH7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	386
Applicable Applications for anti-ADH7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Preferentially expressed in stomach.
Predicted Cross Reactivity	Bovine
Similarity	Bovine (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324432 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COS cells, using ADH7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ADH7 antibody	Function: Could function in retinol oxidation for the synthesis of retinoic acid, a hormone important for cellular differentiation. Medium-chain (octanol) and aromatic (m-nitrobenzaldehyde) compounds are the best substrates. Ethanol is not a good substrate but at the high ethanol concentrations reached in the digestive tract, it plays a role in the ethanol oxidation and contributes to the first pass ethanol metabolism. Subunit Structure: Homodimer. Similarity: Belongs to the zinc-containing alcohol dehydrogenase family. Class-IV subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71743840
NCBI GeneID	131
NCBI Accession #	NP_000664.2
NCBI GenBank Nucleotide #	NM_000673.4
UniProt Accession #	P40394; Q13713; A2RRB6; A8MVN9; B2R760; B4DWV6
Molecular Weight	Observed: 40 kD Predicted: 42 kDa
NCBI Official Full Name	alcohol dehydrogenase class 4 mu/sigma chain isoform 2
NCBI Official Synonym Full Names	alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide
NCBI Official Symbol	ADH7
NCBI Official Synonym Symbols	ADH4
NCBI Protein Information	alcohol dehydrogenase class 4 mu/sigma chain
UniProt Protein Name	Alcohol dehydrogenase class 4 mu/sigma chain
UniProt Gene Name	ADH7

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/adh7-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324432>