

Rabbit anti-Human, Rat ADH5 Polyclonal Antibody | anti-ADH5 antibody

ADH5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232378	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

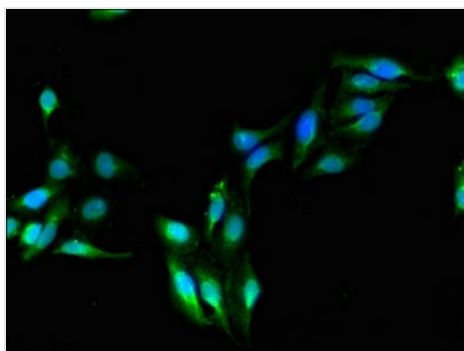
PRODUCT SYNONYMS

ADH5; Polyclonal Antibody; ADH5 Antibody; Alcohol dehydrogenase class-3; Alcohol dehydrogenase 5; Alcohol dehydrogenase class chi chain; Alcohol dehydrogenase class-III; Glutathione-dependent formaldehyde dehydrogenase; FALDH; FDH; GSH-FDH; S-(hydroxymethyl)glutathione dehydrogenase; anti-ADH5 antibody

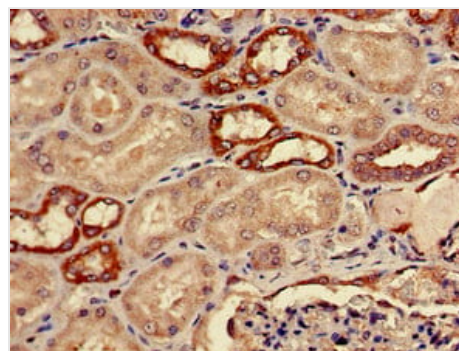
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	374
Applicable Applications for anti-ADH5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Alcohol dehydrogenase class-3 protein (14-130AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-103375 / sc-135338
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

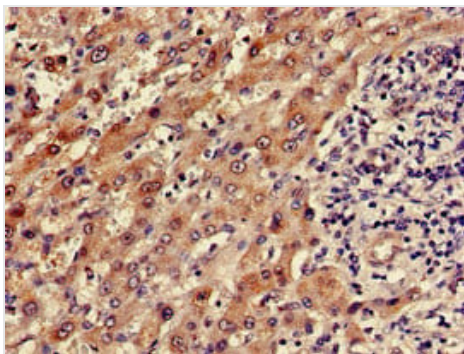
IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA232378 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

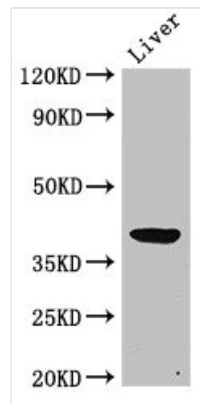

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232378 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA232378 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Rat liver tissue All lanes: ADH5 antibody at 2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40 KDa Observed band size: 40 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ADH5 antibody

Class-III ADH is remarkably ineffective in oxidizing ethanol, but it readily catalyzes the oxidation of long-chain primary alcohols and the oxidation of S-(hydroxymethyl) glutathione.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71565154
NCBI GeneID	128
NCBI Accession #	NP_000662.3
NCBI GenBank Nucleotide #	NM_000671.4
UniProt Accession #	P11766; Q6FHR2
Molecular Weight	39,724 Da
NCBI Official Full Name	alcohol dehydrogenase class-3
NCBI Official Synonym Full Names	alcohol dehydrogenase 5 (class III), chi polypeptide
NCBI Official Symbol	ADH5
NCBI Official Synonym Symbols	FDH; ADHX; ADH-3; FALDH; GSNOR; GSH-FDH; HEL-S-60p
NCBI Protein Information	alcohol dehydrogenase class-3
UniProt Protein Name	Alcohol dehydrogenase class-3
UniProt Gene Name	ADH5
UniProt Synonym Gene Names	FALDH; FDH; GSH-FDH
UniProt Entry Name	ADHX_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/adh5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232378>