

Rabbit ADH4 Polyclonal Antibody | anti-ADH4 antibody

ADH4 antibody - middle region

CATALOG # AAA199281	HOST Rabbit	REACTIVITY Cow, Dog, Human, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	--	---

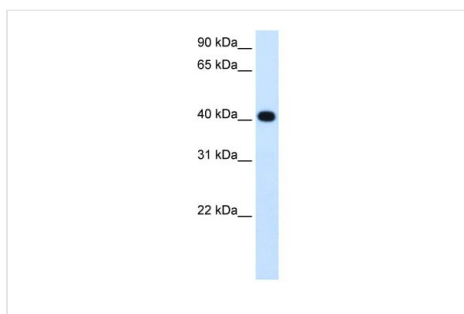
PRODUCT SYNONYMS

ADH4; Polyclonal Antibody; ADH4 antibody - middle region; anti-ADH4 antibody

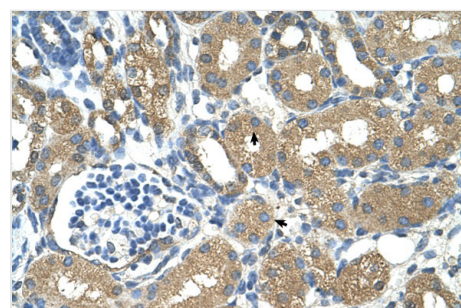
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A 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: NS EKFKAKALG ATDCLNPRDL HKPIQEVIIIE LTKGGVDFAL DCAGGSET
Sequence Length	380
Applicable Applications for anti-ADH4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 86%; Human: 100%; Pig: 86%; Rabbit: 79%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ADH4
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-ADH4 Antibody Titration: 1.25ug/ml Positive Control: Fetal liver cell lysate


IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-ADH4 antibody	This is a rabbit polyclonal antibody against ADH4. It was validated on Western Blot and immunohistochemistry Target Description: ADH4, 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 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.
Product Categories/Family for anti-ADH4 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	71565152
NCBI GeneID	127
NCBI Accession #	NP_000661
NCBI GenBank Nucleotide #	NM_000670
UniProt Accession #	P08319
Molecular Weight	42kDa
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

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/adh4-antibody-western-blot-immunohistochemistry-elisa/199281>