

Goat Aldehyde Reductase Polyclonal Antibody | anti-AKR1A1 antibody

Goat anti-Aldehyde Reductase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61210	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	Immunohistochemistry, Western Blot, ELISA

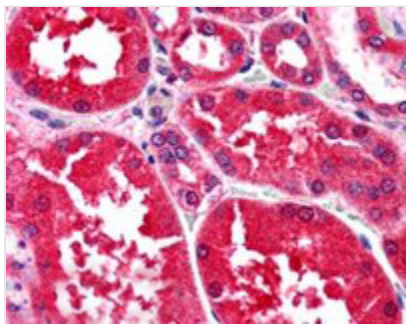
PRODUCT SYNONYMS

Aldehyde Reductase; Polyclonal Antibody; Goat anti-Aldehyde Reductase Antibody; aldehyde reductase; AKR1A1; aldo-keto reductase family 1; member A1 (aldehyde reductase); ALDR1; ALR; MGC12529; MGC1380; alcohol dehydrogenase; member A1; DD3; OTTHUMP00000009240; dihydrodiol dehydrogenase 3; aldehyde reductase antibody; AKR1A1 antibody; member A1 (aldehyde reductase) antibody; ALDR1 antibody; ALR antibody; MGC12529 antibody; MGC1380 antibody; alcohol dehydrogenase antibody; member A1 antibody; DD3 antibody; OTTHUMP00000009240 antibody; dihydrodiol dehydrogenase 3 antibody; anti-AKR1A1 antibody

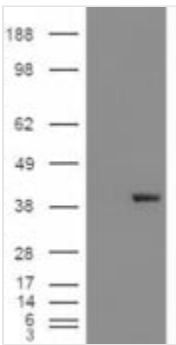
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	DAGHPLYPFN DPY
Sequence Length	325
Applicable Applications for anti-AKR1A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DAGHPLYPFNDPY, from the C Terminus of the protein sequence according to NP_006057.1; NP_697021.1.
Epitope	C Terminus
Note	Both reported variants (NP_006057.1 and NP_697021.1) represent identical protein
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

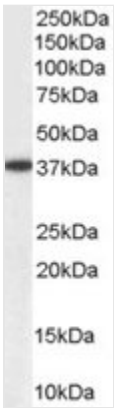
IMAGES



IHC (Immunohistochemisry)
2.5g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
HEK293 overexpressing AKR1A1 (RC200302) and probed (mock transfection in first lane), tested by Origene.



WB (Western Blot)
0.1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174391
NCBI GeneID	10327
NCBI Accession #	NP_006057.1; NP_697021.1
NCBI GenBank Nucleotide #	NM_006066.3
Molecular Weight	36,573 Da
NCBI Official Full Name	alcohol dehydrogenase
NCBI Official Synonym Full Names	aldo-keto reductase family 1, member A1 (aldehyde reductase)
NCBI Official Symbol	AKR1A1
NCBI Official Synonym Symbols	ALR; ARM; DD3; ALDR1; HEL-S-6
NCBI Protein Information	alcohol dehydrogenase [NADP(+)]
UniProt Protein Name	Alcohol dehydrogenase [NADP(+)]
UniProt Gene Name	AKR1A1
UniProt Synonym Gene Names	ALDR1; ALR
UniProt Entry Name	AK1A1_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/aldehyde-reductase-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61210>