

Goat ALDH1A1 Polyclonal Antibody | anti-ALDH1A1 antibody

Goat anti-ALDH1A1 (C Terminus) Antibody

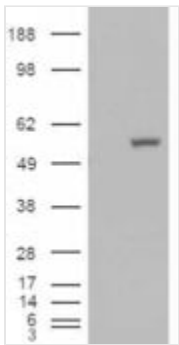
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61122	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

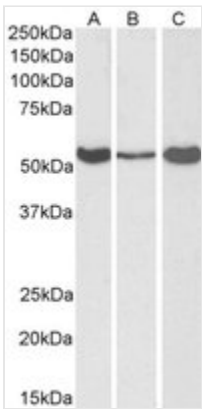
ALDH1A1; Polyclonal Antibody; Goat anti-ALDH1A1 (C Terminus) Antibody; Goat Anti-ALDH1A1 (Internal) Antibody; aldehyde dehydrogenase 1 family; member A1; ALDC; ALDH-E1; ALDH1; ALDH11; MGC2318; ; PUMB1; RALDH1; ALDH class 1; acetaldehyde dehydrogenase 1; aldehyde dehydrogenase 1; soluble; aldehyde dehydrogenase 1A1; aldehyde dehydrogenase; liver cytosolic; ALDH1A1 antibody; member A1 antibody; ALDC antibody; ALDH-E1 antibody; ALDH1 antibody; ALDH11 antibody; antibody; PUMB1 antibody; RALDH1 antibody; ALDH class 1 antibody; acetaldehyde dehydrogenase 1 antibody; soluble antibody; aldehyde dehydrogenase 1A1 antibody; liver cytosolic antibody; retinal dehydrogenase 1 antibody; retinaldehyde dehydrogenase 1 antibody; ALDH1A1 (C Terminus); anti-ALDH1A1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat
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	EVKTVTVKIS QKNS
Sequence Length	501
Applicable Applications for anti-ALDH1A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-EVKTVTVKISQKNS, from the C Terminus of the protein sequence according to NP_000680.2.
Epitope	C Terminus
Note	This antibody may cross-react with ALDH1A2 (GeneID 8854) with one residue difference from this design and with ALDH2 (GeneID 217) with two residues difference from this design.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
HEK293 overexpressing ALDH1A1 (RC200723) and probed (mock transfection in first lane), tested by Origene.



WB (Western Blot)
0.3ug/ml staining of Human (A) and Mouse (B) Liver, and Rat (C) Testis lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361176
NCBI GeneID	216
NCBI Accession #	NP_000680.2
NCBI GenBank Nucleotide #	NM_000689.4
NCBI Official Full Name	retinal dehydrogenase 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family member A1
NCBI Official Symbol	ALDH1A1
NCBI Official Synonym Symbols	ALDC; ALDH1; HEL-9; HEL12; PUMB1; ALDH11; RALDH1; ALDH-E1; HEL-S-53e
NCBI Protein Information	retinal dehydrogenase 1
UniProt Protein Name	Retinal dehydrogenase 1
UniProt Gene Name	ALDH1A1
UniProt Synonym Gene Names	ALDC; ALDH1; PUMB1; RALDH 1; RaIDH1
UniProt Entry Name	AL1A1_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.