Goat ALDH1A1 Polyclonal Antibody | anti-ALDH1A1 antibody

Goat anti-ALDH1A1 (Internal) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61136	**Goat**	**Tested: Human; Expected from sequence similarity: Human, Mouse, Rat**	**Western Blot, ELISA**

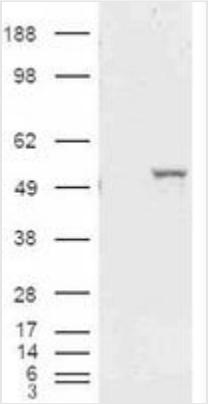
PRODUCT SYNONYMS

ALDH1A1; Polyclonal Antibody; Goat anti-ALDH1A1 (Internal) Antibody; Goat Anti-ALDH1A1 (C Terminus) 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; MGC2318 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; ALDH1A1 (Internal); anti-ALDH1A1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; 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	RELGEYGFHE YTE
Sequence Length	501
Applicable Applications for anti-ALDH1A1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-RELGEYGFHEYTE, from the internal region of the protein sequence according to NP_000680.2.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
HEK293 overexpressing ALDH1A1 and probed (mock transfection in first lane).

WB (Western Blot)
1ug/ml) staining of Human Liver 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
Molecular Weight	54,862 Da
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; RalDH1
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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/aldh1a1-antibody-western-blot-peptide-elisa-elisa/61136