

Goat ALDH2 Polyclonal Antibody | anti-ALDH2 antibody

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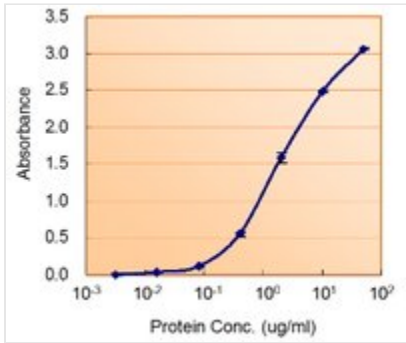
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61503	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig	ELISA, Western Blot, ELISA

PRODUCT SYNONYMS

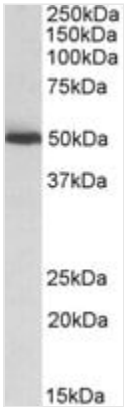
ALDH2; Polyclonal Antibody; Goat anti-ALDH2 Antibody; Goat Anti-ALDH2; Biotinylated Antibody; aldehyde dehydrogenase 2 family (mitochondrial); ALDH-E2; ALDH1; ALDM; MGC1806; ALDH class 2; acetaldehyde dehydrogenase 2; liver mitochondrial ALDH; mitochondrial aldehyde dehydrogenase 2; nucleus-encoded mitochondrial aldehyde dehydrogenase 2; acetaldehyde dehydrogenase 2 antibody; aldehyde dehydrogenase 2 family (mitochondrial) antibody; ALDH class 2 antibody; ALDH-E2 antibody; ALDH1 antibody; ALDM antibody; liver mitochondrial ALDH antibody; MGC1806 antibody; mitochondrial aldehyde dehydrogenase 2 antibody; nucleus-encoded mitochondrial aldehyde dehydrogenase 2 antibody; ALDH2 antibody; anti-ALDH2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig
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	DETQFKKILG YIN
Sequence Length	517
Applicable Applications for anti-ALDH2 antibody	ELISA, WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DETQFKKILGYIN, from the internal region of the protein sequence according to NP_000681.2; NP_001191818.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_000681.2; NP_001191818.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



Application Data
1.5ug/ml) as the reporter with as the capture rabbit antibody (2.5ug/ml).



WB (Western Blot)
0. 03ug/ml) staining of Mouse Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777732
NCBI GeneID	217
NCBI Accession #	NP_000681.2; NP_001191818.1
NCBI GenBank Nucleotide #	NM_000690.3
Molecular Weight	50,989 Da
NCBI Official Full Name	aldehyde dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase 2 family (mitochondrial)
NCBI Official Symbol	ALDH2
NCBI Official Synonym Symbols	ALDM; ALDHI; ALDH-E2
NCBI Protein Information	aldehyde dehydrogenase, mitochondrial
UniProt Protein Name	Aldehyde dehydrogenase, mitochondrial
UniProt Gene Name	ALDH2
UniProt Synonym Gene Names	ALDM
UniProt Entry Name	ALDH2_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.