

Rabbit anti-Human ALDH2 Polyclonal Antibody | anti-ALDH2 antibody

ALDH2 Antibody

CATALOG # AAA309057	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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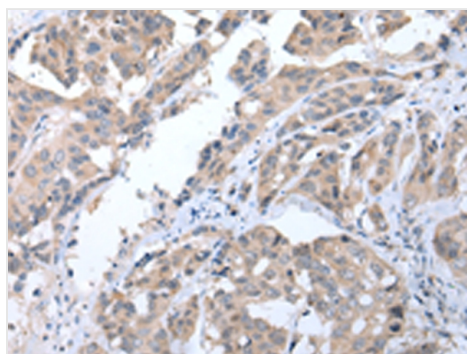
PRODUCT SYNONYMS

ALDH2; Polyclonal Antibody; ALDH2 Antibody; ALDM; ALDH1; ALDH-E2; anti-ALDH2 antibody

PRODUCT SPECIFICATIONS

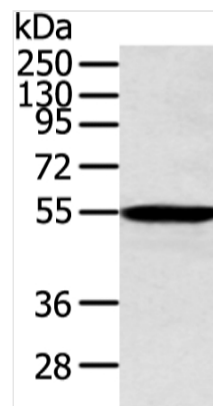
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ALDH2 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.1 mg/ml (varies by lot)
Sequence Length	517
Applicable Applications for anti-ALDH2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human ALDH2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/20,



WB (Western Blot)

Gel: 8%SDS-PAGE Lysate: 40 &#956; g Lane: Human lung cancer tissue Primary antibody: 1/300 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH2 antibody	This protein belongs to the aldehyde dehydrogenase family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. Two major liver isoforms of aldehyde dehydrogenase, cytosolic and mitochondrial, can be distinguished by their electrophoretic mobilities, kinetic properties, and subcellular localizations. Most Caucasians have two major isozymes, while approximately 50% of Orientals have the cytosolic isozyme but not the mitochondrial isozyme.
Product Categories/Family for anti-ALDH2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777732
NCBI GeneID	217
NCBI Accession #	NP_000681.2
NCBI GenBank Nucleotide #	NM_000690.3
UniProt Accession #	P05091; Q03639; Q6IB13; Q6IV71; B4DW54; E7EUE5
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aldh2-antibody-immunohistochemistry-western-blot-elisa/309057>