

Rabbit ALDH2 Polyclonal Antibody | anti-ALDH2 antibody

ALDH2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167931	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

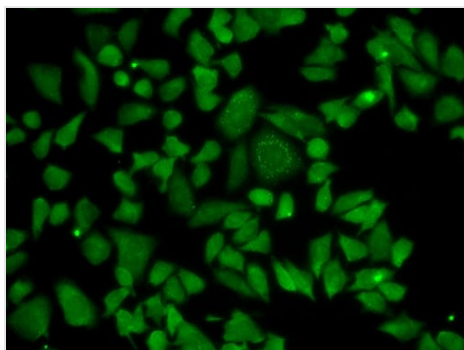
PRODUCT SYNONYMS

ALDH2; Polyclonal Antibody; ALDH2 Antibody; ALDH-E2; ALDHI; ALDM; MGC1806; anti-ALDH2 antibody

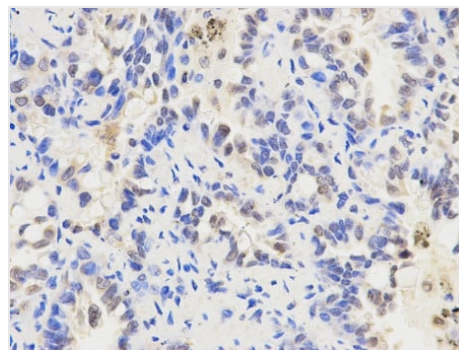
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	247
Applicable Applications for anti-ALDH2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ALDH2
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-48838 / sc-48837
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

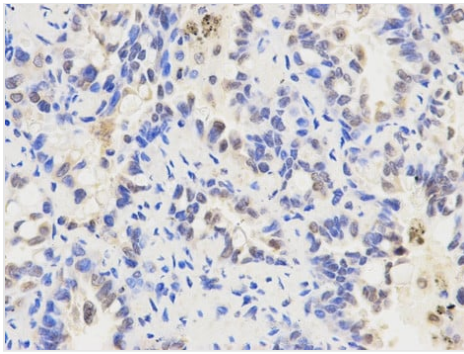
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using ALDH2 antibody.

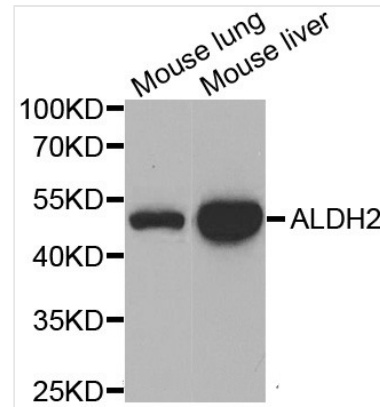

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using ALDH2 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse esophagus using ALDH2 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various tissues, using ALDH2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH2 antibody

Acetaldehyde dehydrogenase is the next enzyme after alcohol dehydrogenase in the major pathway of alcohol metabolism. It mediates NADP+-dependent oxidation of aldehydes into acids during detoxification of alcohol-derived acetaldehyde; lipid peroxidation; and metabolism of corticosteroids, biogenic amines and neurotransmitters. Genetic variation in ALDH2 is responsible for individual differences in responses to drinking alcohol. Thus, the absence of this enzyme is linked to alcohol intolerance and a reduced risk for alcoholism-related liver disease.

NCBI AND UNIPROT INFORMATION

NCBI GI #	193882444
Molecular Weight	26,576 Da
NCBI Official Full Name	ALDH2, partial
UniProt Protein Name	ALDH2
UniProt Gene Name	ALDH2
UniProt Entry Name	B4YAH7_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-immunofluorescence-immunohistochemistry-western-blot-elisa/167931>