

Rabbit ALDH1L1 Monoclonal Antibody | anti-ALDH1L1 antibody

ALDH1L1 Antibody

CATALOG # AAA312587	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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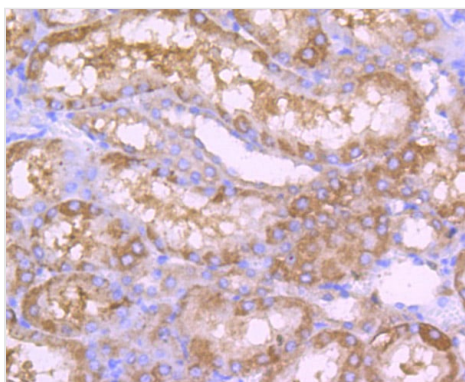
PRODUCT SYNONYMS

ALDH1L1; Monoclonal Antibody; ALDH1L1 Antibody; 10 formyltetrahydrofolate dehydrogenase antibody; 10 FTHFDH antibody; 10-formyltetrahydrofolate dehydrogenase antibody; 10-FTHFDH antibody; AL1L1_HUMAN antibody; Aldehyde dehydrogenase 1 family member L1 antibody; Aldehyde dehydrogenase family 1 member L1 antibody; aldh1l1 antibody; Cytosolic 10-formyltetrahydrofolate dehydrogenase antibody; DKFZp781N0997 antibody; EC 1.5.1.6 antibody; FDH antibody; formyltetrahydrofolate dehydrogenase antibody; FTHFD antibody; OTTHUMP00000155221 antibody; OTTHUMP00000214696 antibody; OTTHUMP00000214700 antibody; OTTHUMP00000222724 antibody; anti-ALDH1L1 antibody

PRODUCT SPECIFICATIONS

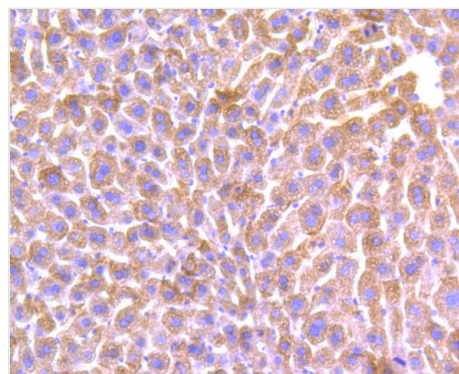
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JU53-54
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ALDH1L1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



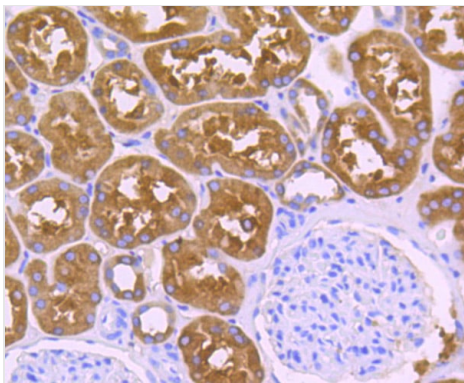
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-ALDH1L1 antibody. Counter stained with hematoxylin.



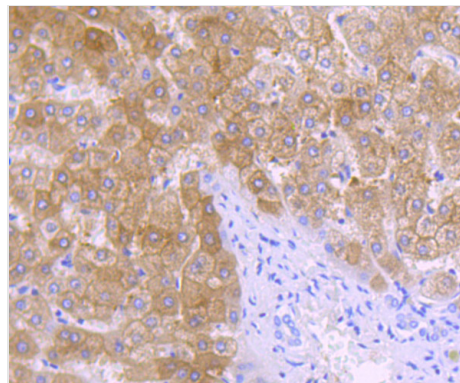
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-ALDH1L1 antibody. Counter stained with hematoxylin.



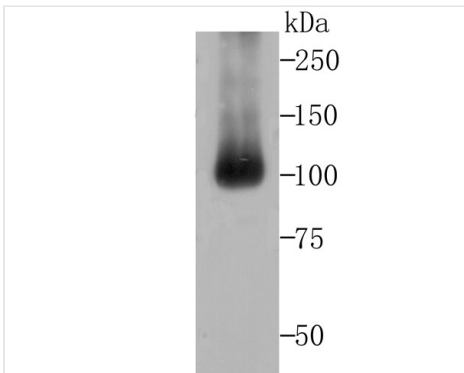
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-ALDH1L1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-ALDH1L1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of ALDH1L1 on mouse liver tissue lysates using anti-ALDH1L1 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1L1 antibody	10-formyltetrahydrofolate dehydrogenase is an enzyme that in humans is encoded by the ALDH1L1 gene. The protein encoded by this gene catalyzes the conversion of 10-formyltetrahydrofolate, NADP, and water to tetrahydrofolate, NADPH, and carbon dioxide. The encoded protein belongs to the aldehyde dehydrogenase family and is responsible for formate oxidation in vivo. Deficiencies in this gene can result in an accumulation of formate and subsequent methanol poisoning.
Product Categories/Family for anti-ALDH1L1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	59802911
NCBI GeneID	10840
UniProt Accession #	O75891; Q68CS1; B4DG36; E9PBX3
Molecular Weight	902
NCBI Official Full Name	Cytosolic 10-formyltetrahydrofolate dehydrogenase
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family, member L1
NCBI Official Symbol	ALDH1L1
NCBI Official Synonym Symbols	FDH; FTHFD; 10-fTHF; 10-FTHFDH
NCBI Protein Information	cytosolic 10-formyltetrahydrofolate dehydrogenase; MER57B-ALDH1L1

UniProt Protein Name	Cytosolic 10-formyltetrahydrofolate dehydrogenase
UniProt Gene Name	ALDH1L1
UniProt Synonym Gene Names	FTHFD; 10-FTHFDH; FDH
UniProt Entry Name	AL1L1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monoclonal/aldh1l1-antibody-clone-ju53-54-immunohistochemistry-western-blot-elisa/312587>