

Rabbit anti-Human, Mouse ALDH1A1 Monoclonal Antibody | anti-ALDH1A1 antibody

Anti-ALDH1A1 Antibody

CATALOG # AAA265847	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Immunohistochemistry, Western Blot
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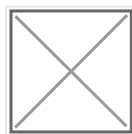
PRODUCT SYNONYMS

ALDH1A1; Monoclonal Antibody; Anti-ALDH1A1 Antibody; anti-ALDH1A1 antibody

PRODUCT SPECIFICATIONS

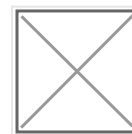
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of ALDH1A1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-ALDH1A1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human ALDH1A1
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ALDH1A1 staining in human cholangiocarcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.38). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ALDH1A1 expression in K562 (A), NIH3T3 (B) whole cell lysates. (Predicted band size: 55 kD; Observed band size: 55 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1A1 antibody	Rabbit monoclonal antibody to ALDH1A1
Product Categories/Family for anti-ALDH1A1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	118495
NCBI GeneID	216

UniProt Accession #	P00352 ; P24549
Molecular Weight	501
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; ALHDII; RALDH 1; ALDH class 1; acetaldehyde dehydrogenase 1; epididymis luminal protein 9; epididymis luminal protein 12; retinaldehyde dehydrogenase 1; aldehyde dehydrogenase 1, soluble; aldehyde dehydrogenase, liver cytosolic; e
UniProt Protein Name	Retinal dehydrogenase 1
UniProt Gene Name	ALDH1A1
UniProt Synonym Gene Names	ALDC; ALDH1; PUMB1; RALDH 1; RaIDH1
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://stage.aaabiotech.com/monoclonal/aldh1a1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/265847>