Rabbit Aldehyde Dehydrogenase 1 Family Polyclonal Antibody | anti-ALDH1A1 antibody

Aldehyde Dehydrogenase 1 Family, Member A1 (ALDH1A1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144837	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Aldehyde Dehydrogenase 1 Family; Polyclonal Antibody; Member A1 (ALDH1A1) Polyclonal Antibody; ALDH11; ALDH1; ALDC; PUMB1; RALDH1; Retinaldehyde Dehydrogenase 1; Aldehyde dehydrogenase; cytosolic; Retinal dehydrogenase 1; anti-ALDH1A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ALDH1A1. It has been selected for its ability to recognize ALDH1A1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-ALDH1A1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Rat
Organism Species	Human
Fragment	ALDH1A1 (Ser2~Ser501)
Quality Control	Content: The quality control contains recombinant ALDH1A1 (Ser2~Ser501) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control.Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

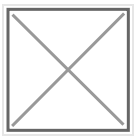
IMAGES



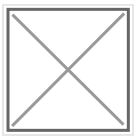
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Cancer Tissue



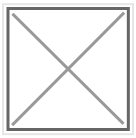
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Lung Cancer Tissue



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Kidney Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant ALDH1A1, Human.



WB (Western Blot)
Western Blot: Sample: Rat Liver Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361176
NCBI GeneID	216
NCBI Accession #	NP_000680.2
NCBI GenBank Nucleotide #	NM_000689.4
UniProt Accession #	P00352; O00768; Q5SYR1
Molecular Weight	54,862 Da
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
UniProt Protein Name	Retinal dehydrogenase 1
UniProt Gene Name	**ALDH1A1**
UniProt Synonym Gene Names	RALDH 1Curated; RalDH1Curated

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://stage.aaabiotech.com/polyclonal/aldehyde-dehydrogenase-1-family-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144837