

Rabbit anti-Human, Mouse ALDH1A1/ALDH1A2/ALDH1A3 Polyclonal Antibody | anti-ALDH1A1/ALDH1A2/ALDH1A3 antibody

ALDH1A1/ALDH1A2/ALDH1A3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311827	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

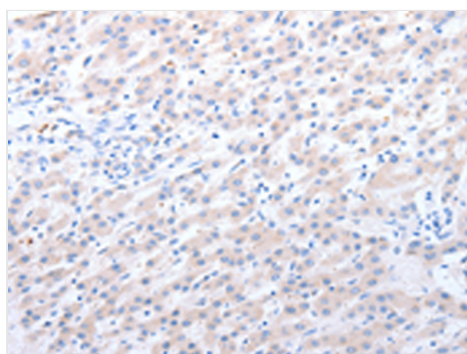
PRODUCT SYNONYMS

ALDH1A1/ALDH1A2/ALDH1A3; Polyclonal Antibody; ALDH1A1/ALDH1A2/ALDH1A3 Antibody; ALDC; ALDH1; PUMB1; ALDH11; RALDH1; ALDH-E1; RALDH2; RALDH2-T; RALDH (II); ALDH6; RALDH3; ALDH1A6; anti-ALDH1A1/ALDH1A2/ALDH1A3 antibody

PRODUCT SPECIFICATIONS

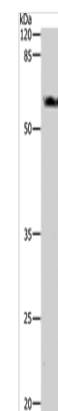
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen affinity purification
Form/Format	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.4mg/mL (varies by lot)
Applicable Applications for anti-ALDH1A1/ALDH1A2/ALDH1A3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human ALDH1A1/ALDH1A2/ALDH1A3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using (ALLLntibody) at dilution 1/40.



SDS-PAGE

Gel: 10%SDS-PAGE, Lysate: 30 ug, Lane: Mouse liver tissue, Primary antibody:ALDH1A1/ALDH1A2/ALDH1A3 Antibody at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1A1/ALDH1A2/ALDH1A3 antibody	This protein belongs to the aldehyde dehydrogenase family of proteins. The product of this gene is an enzyme that catalyzes the synthesis of retinoic acid (RA) from retinaldehyde. Retinoic acid, the active derivative of vitamin A (retinol), is a hormonal signaling molecule that functions in developing and adult tissues. The studies of a similar mouse gene suggest that this enzyme and the cytochrome CYP26A1, concurrently establish local embryonic retinoic acid levels which facilitate posterior organ development and prevent spina bifida. Four transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-ALDH1A1/ALDH1A2/ALDH1A3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	37589018
NCBI GeneID	216
UniProt Accession #	Q15102; O00768; Q5SYR1; P00352
Molecular Weight	54,862 Da
NCBI Official Full Name	Homo sapiens aldehyde dehydrogenase 1 family, member A1, mRNA
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	Platelet-activating factor acetylhydrolase IB subunit gamma
UniProt Gene Name	PAFAH1B3
UniProt Synonym Gene Names	PAFAHG; PAF-AH 29 kDa subunit; PAFAH subunit gamma
UniProt Entry Name	PA1B3_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/aldh1a1-aldh1a2-aldh1a3-antibody-immunohistochemistry-western-blot-elisa/311827>