

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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145601	Rabbit	Mouse, Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

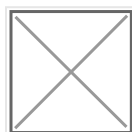
PRODUCT SYNONYMS

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

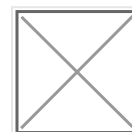
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, 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% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-ALDH1A1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	ALDH1A1 (Met1~Arg326)
Conjugate	No Conjugate
Cross Reactivity	Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant ALDH1A1 (Met1~Arg326) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (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%, NaN ₃ 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 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: Mouse Stomach Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded testis tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Mouse Liver lysate; Primary Ab: 3ug/ml Rabbit Anti-Mouse ALDH1A1 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

NCBI AND UNIPROT INFORMATION

NCBI GI #	85861182
NCBI GeneID	11668
NCBI Accession #	NP_038495.2
NCBI GenBank Nucleotide #	NM_013467.3
UniProt Accession #	P24549; Q7TQJ0; Q811J0
Molecular Weight	54,468 Da
NCBI Official Full Name	retinal dehydrogenase 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase family 1, subfamily A1
NCBI Official Symbol	Aldh1a1
NCBI Official Synonym Symbols	E1; Ahd2; Ahd-2; Aldh1; Raldh1; Aldh1a2
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aldehyde-dehydrogenase-1-family-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145601>