

Rabbit anti-Human, Mouse Retinal dehydrogenase 1 Polyclonal Antibody | anti-ALDH1A1 antibody

Rabbit anti-human Retinal dehydrogenase 1 polyclonal Antibody(ALDH1A1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118750	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

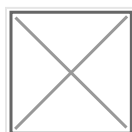
PRODUCT SYNONYMS

Retinal dehydrogenase 1; Polyclonal Antibody; Rabbit anti-human Retinal dehydrogenase 1 polyclonal Antibody(ALDH1A1); RALDH 1; RalDH1; ALDH-E1; ALHDII; Aldehyde dehydrogenase family 1 member A1; Aldehyde dehydrogenase; cytosolic; ALDH1A1; ALDC; ALDH1; PUMB1; anti-ALDH1A1 antibody

PRODUCT SPECIFICATIONS

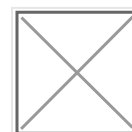
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	501
Applicable Applications for anti-ALDH1A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Retinal dehydrogenase 1 protein(202-501aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22588 / sc-22589 / sc-50385
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



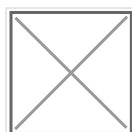
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testicle using AAA118750 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine using AAA118750 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: Retinal dehydrogenase 1 antibody at 4ug/ml+mouse liver tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 55kDaObserved band size: 55kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1A1 antibody	Binds free retinal and cellular retinol-binding protein-bound retinal. Can convert/oxidize retinaldehyde to retinoic acid
---	---

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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/retinal-dehydrogenase-1-antibody-immunohistochemistry-western-blot-elisa/118750>