

Rabbit ALDH1A2 Polyclonal Antibody | anti-ALDH1A2 antibody

ALDH1A2 Polyclonal Antibody

CATALOG # AAA167390	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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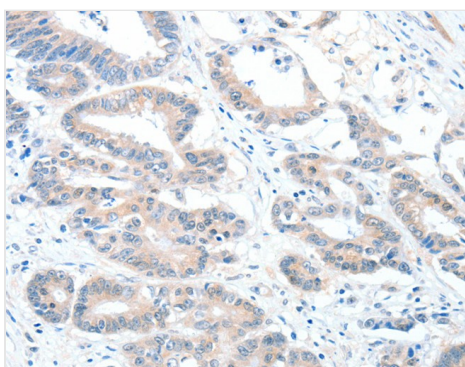
PRODUCT SYNONYMS

ALDH1A2; Polyclonal Antibody; ALDH1A2 Polyclonal Antibody; RALDH2; RALDH2-T; RALDH(II); anti-ALDH1A2 antibody

PRODUCT SPECIFICATIONS

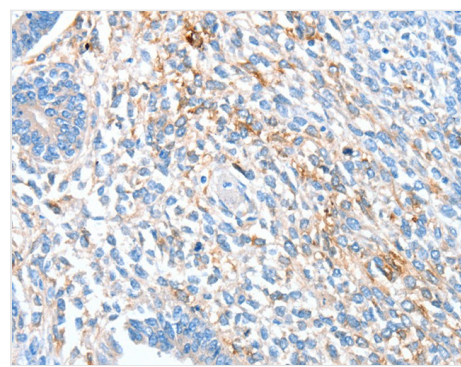
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.4mg/mL (varies by lot)
Sequence Length	518
Applicable Applications for anti-ALDH1A2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human ALDH1A2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



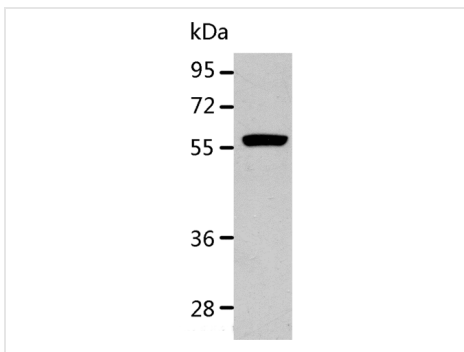
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using ALDH1A2 Polyclonal Antibody at dilution of 1:60



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using ALDH1A2 Polyclonal Antibody at dilution of 1:60



WB (Western Blot)

Western Blot analysis of K562 cell using ALDH1A2 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1A2 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157278379
NCBI GeneID	100049450
NCBI Accession #	NP_001098291.1
NCBI GenBank Nucleotide #	NM_001104821.1
NCBI Official Full Name	aldehyde dehydrogenase 1A2
NCBI Official Symbol	aldh1a2
NCBI Official Synonym Symbols	raldh2
NCBI Protein Information	aldehyde dehydrogenase 1A2; retinaldehyde dehydrogenase 2; retinaldehyde dehydrogenase type2

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/aldh1a2-antibody-immunohistochemistry-western-blot-elisa/167390>