

Rabbit ALDH4A1 Polyclonal Antibody | anti-ALDH4A1 antibody

ALDH4A1 Polyclonal Antibody

CATALOG # AAA167620	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

ALDH4A1; Polyclonal Antibody; ALDH4A1 Polyclonal Antibody; P5CD; ALDH4; P5C; anti-ALDH4A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.3mg/mL (varies by lot)
Sequence Length	563
Applicable Applications for anti-ALDH4A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human ALDH4A1
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 (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human breast cancer using ALDH4A1 Polyclonal Antibody at dilution of 1:35


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using ALDH4A1 Polyclonal Antibody at dilution of 1:35


WB (Western Blot)

Western Blot analysis of Human fetal liver tissue using ALDH4A1 Polyclonal Antibody at dilution of 1:350

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH4A1 antibody	This protein belongs to the aldehyde dehydrogenase family of proteins. This enzyme is a mitochondrial matrix NAD-dependent dehydrogenase which catalyzes the second step of the proline degradation pathway, converting pyrroline-5-carboxylate to glutamate. Deficiency of this enzyme is associated with type II hyperprolinemia, an autosomal recessive disorder characterized by accumulation of delta-1-pyrroline-5-carboxylate (P5C) and proline. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	649122258
NCBI Official Full Name	ALDH4A1, partial

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/aldh4a1-antibody-immunohistochemistry-western-blot-elisa/167620>