Rabbit ALDH1L1 Polyclonal Antibody | anti-ALDH1L1 antibody

ALDH1L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328886	**Rabbit**	**Human, Mouse, RatPredicted Reactivity: Pig(100%), Bovine(86%), Horse(100%), Sheep(86%), Rabbit(86%)**	**ELISA**

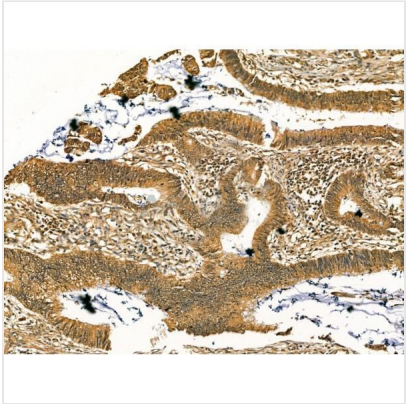
PRODUCT SYNONYMS

ALDH1L1; Polyclonal Antibody; ALDH1L1 Antibody; 10 formyltetrahydrofolate dehydrogenase; 10 FTHFDH; 10-formyltetrahydrofolate dehydrogenase; 10-FTHFDH; AL1L1_HUMAN; Aldehyde dehydrogenase 1 family member L1; Aldehyde dehydrogenase family 1 member L1; aldh1l1; Cytosolic 10-formyltetrahydrofolate dehydrogenase; DKFZp781N0997; EC 1.5.1.6; FDH; formyltetrahydrofolate dehydrogenase; FTHFD; OTTHUMP00000155221; OTTHUMP00000214696; OTTHUMP00000214700; OTTHUMP00000222724; anti-ALDH1L1 antibody

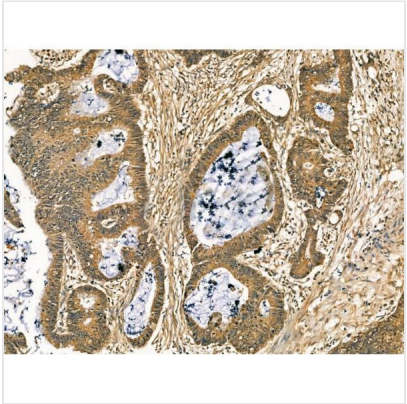
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(86%), Horse(100%), Sheep(86%), Rabbit(86%)
Clonality	Polyclonal
Isotype	IgG
Specificity	ALDH1L1 Antibody detects endogenous levels of total ALDH1L1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	902
Applicable Applications for anti-ALDH1L1 antibody	ELISA
Immunogen	A synthesized peptide derived from human ALDH1L1, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328886 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



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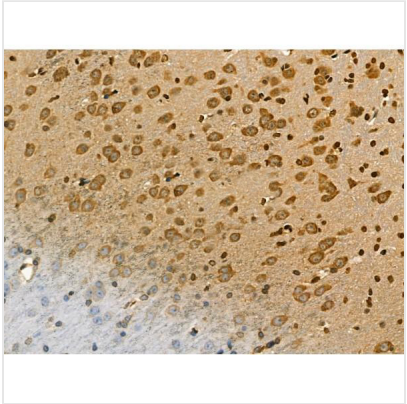
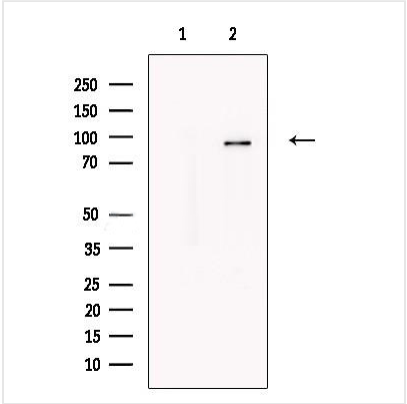


IHC (Immunohiostchemistry)
AAA328886 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Rat liver, using ALDH1L1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1L1 antibody	Subcellular Location: Cytoplasm. Tissue Specificity: Highly expressed in liver, pancreas and kidney. Similarity: In the N-terminal section; belongs to the GART family.In the C-terminal section; belongs to the aldehyde dehydrogenase family. ALDH1L subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	59802911
NCBI GeneID	10840
UniProt Accession #	O75891
Molecular Weight	Observed Molecular Weight: (Observed)98kD. Predicted Molecular Weight: (Calculated)99kDa.
NCBI Official Full Name	Cytosolic 10-formyltetrahydrofolate dehydrogenase
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family member L1

NCBI Official Symbol	ALDH1L1
NCBI Official Synonym Symbols	FDH; FTHFD; 10-fTHF; 10-FTHFDH
NCBI Protein Information	cytosolic 10-formyltetrahydrofolate dehydrogenase
UniProt Protein Name	Cytosolic 10-formyltetrahydrofolate dehydrogenase
UniProt Gene Name	**ALDH1L1**
UniProt Synonym Gene Names	FTHFD; 10-FTHFDH; FDH
UniProt Entry Name	AL1L1_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://www.aaabiotech.com/polyclonal/aldh1l1-antibody-elisa/328886