

Mouse ALDH1L1 Antibody | anti-ALDH1L1 antibody

ALDH1L1, Monoclonal Antibody, Mouse

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76552	Mouse	Horse, Bovine, Chicken	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

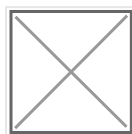
PRODUCT SYNONYMS

ALDH1L1; Monoclonal Antibody; Mouse; anti-ALDH1L1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Horse, Bovine, Chicken
Isotype	IgG _{2a}
Form/Format	Liquid. Affinity purified antibody in PBS with 10mM sodium azide as a preservative.
Concentration	1 mg/mL (varies by lot)
Sequence Length	505
Applicable Applications for anti-ALDH1L1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Species	Human, Rat, Mouse, Porcine.
Immunogen Sequence	Amino acids 1- 401 of human ALDH1L1
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Image: Neuron-glia cell mixture cultures stained with (green) and our Rabbit polyclonal antibody against GFAP: (red). Blue is a DNA stain. MO22143 stains astrocytes and is excluded from neuron cells. ALDH1L1 stains the astrocytes cell body and processes, whereas GFAP labels the intermediate filament cytoskeleton in a subset of astrocytes. Astrocytes stained by both ALDH1L1 and GFAP appear yellow

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1L1 antibody	ALDH1L1 catalyzes the conversion of 10-formyltetrahydrofolate, nicotinamide adenine dinucleotide phosphate (NADP+), and water to tetrahydrofolate, NADPH, and carbon dioxide. ALDH1L1 expression is tissue-specific and is highly expressed in the liver.
Product Categories/Family for anti-ALDH1L1 antibody	Antibodies; Neuronal-Glial Markers; Glial-Astrocyte Markers; ALDH1L1

NCBI AND UNIPROT INFORMATION

NCBI GI #	20072652
NCBI GeneID	10840
NCBI Official Full Name	ALDH1L1 protein
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://stage.aaabiotech.com/mouse-bovine-chicken-horse-ovine-antibody/aldh1l1/76552>