

ALDH1L1 Antibody | anti-ALDH1L1 antibody

ALDH1L1, Antiserum, Rabbit

CATALOG # AAA76527	REACTIVITY Human, Mouse, Primate, Rat	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

ALDH1L1; Antiserum; Rabbit; anti-ALDH1L1 antibody

PRODUCT SPECIFICATIONS

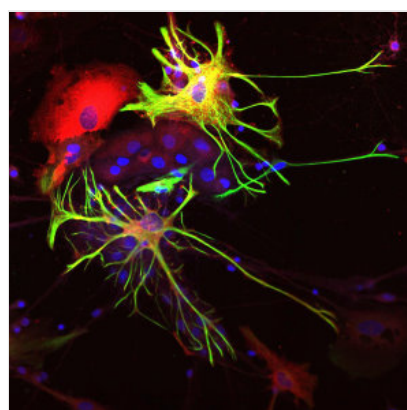
Reactivity	Human, Mouse, Primate, Rat
Form/Format	Whole serum - Liquid
Sequence Length	505
Applicable Applications for anti-ALDH1L1 antibody	WB (Western Blot), IF (Immunofluorescence)
Type Info	Rabbit IgG
Immunogen	Full length recombinant human ALDH1L1 expressed and purified from E Coli.

IMAGES



Application Data

Image: Blot of rat liver tissue homogenates blotted with ALDH1L1. The antibody binds strongly a band at ~100 kDa.



Application Data

Image: Neuron-glia cell mixture cultures stained with ALDH1L1 (red) and our monoclonal antibody against GFAP (green). Blue is a DNA stain. ALDH1L1 stains astrocytes and excludes from neuron cells. ALDH1L1 stains the astrocytes cell body and processes, whereas GFAP labels the intermediate filament of the cytoskeleton in subset of astrocytes. Astrocytes are positive for both ALDH1L1 and GFAP appear yellow. ALDH1L1 also labels many astrocytes not labeled by GFAP, which appear as red.

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
Molecular Weight	55,394 Da
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/human-mouse-primate-rat-antibody/aldh1l1/76527>