

ALDH1L1 Antibody
Mouse Monoclonal Antibody
Catalog # ALS16821**Specification**

ALDH1L1 Antibody - Product Information

Application	IHC
Primary Accession	075891
Other Accession	10840
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	98829

ALDH1L1 Antibody - Additional Information**Gene ID** 10840**Other Names**

ALDH1L1, 10-fTHF, 10-FTHFDH, FTHFD, FDH

Reconstitution & Storage

PBS, 10 mM sodium azide. Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

ALDH1L1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH1L1 Antibody - Protein Information**Name** ALDH1L1 ([HGNC:3978](#))**Synonyms** FTHFD**Function**

Cytosolic 10-formyltetrahydrofolate dehydrogenase that catalyzes the NADP(+)-dependent conversion of 10-formyltetrahydrofolate to tetrahydrofolate and carbon dioxide (PubMed:19933275, PubMed:21238436). May also have an NADP(+)-dependent aldehyde dehydrogenase activity towards formaldehyde, acetaldehyde, propionaldehyde, and benzaldehyde (By similarity).

Cellular Location

Cytoplasm, cytosol.

Tissue Location

Highly expressed in liver, pancreas and kidney.

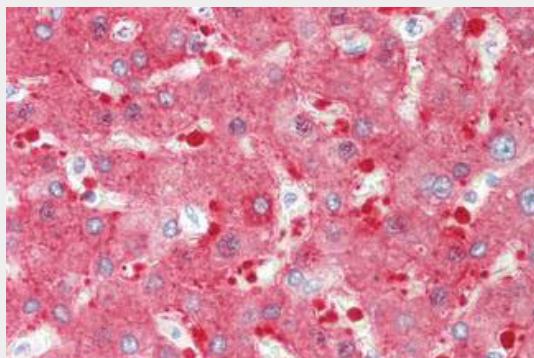
Volume
50 µl

ALDH1L1 Antibody - Protocols

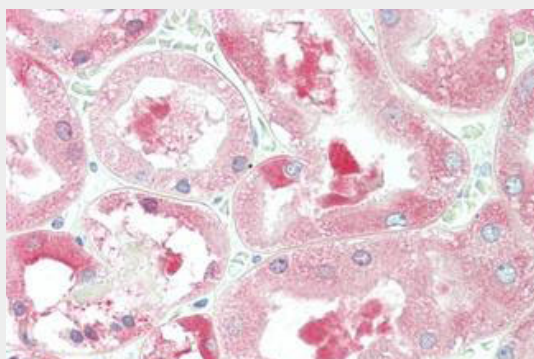
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ALDH1L1 Antibody - Images



Anti-ALDH1L1 antibody IHC staining of human liver.



Anti-ALDH1L1 antibody IHC staining of human kidney.

ALDH1L1 Antibody - References

Hong M.H.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.