

ALDH1L1 Antibody (clone 2A6)
Mouse Monoclonal Antibody
Catalog # ALS16385**Specification**

ALDH1L1 Antibody (clone 2A6) - Product Information

Application	WB, IHC
Primary Accession	O75891
Reactivity	Human, Rat, Monkey, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	99kDa KDa

ALDH1L1 Antibody (clone 2A6) - Additional Information**Gene ID** 10840**Other Names**

Cytosolic 10-formyltetrahydrofolate dehydrogenase, 10-FTHFDH, FDH, 1.5.1.6, Aldehyde dehydrogenase family 1 member L1, ALDH1L1, FTHFD

Target/Specificity

Human ALDH1L1

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

ALDH1L1 Antibody (clone 2A6) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH1L1 Antibody (clone 2A6) - 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

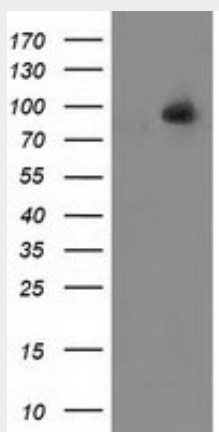
50 µl

ALDH1L1 Antibody (clone 2A6) - Protocols

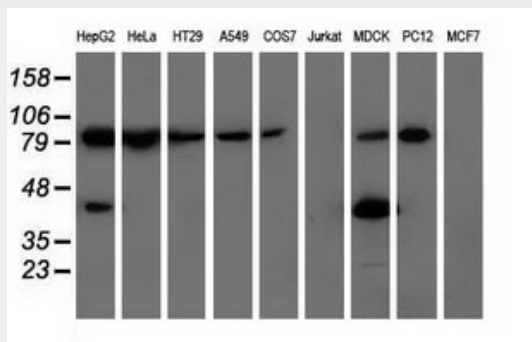
Provided below are standard protocols that you may find useful for product applications.

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

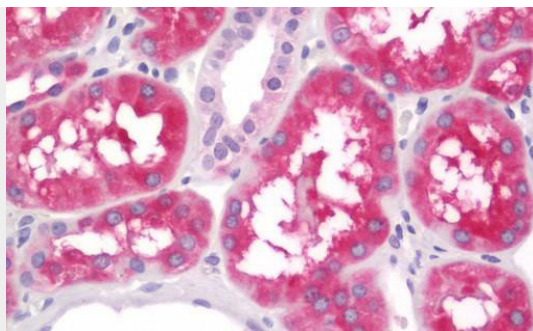
ALDH1L1 Antibody (clone 2A6) - Images



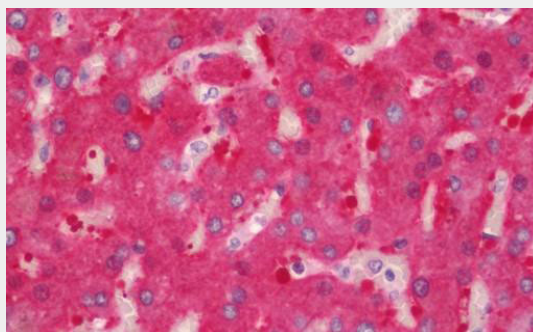
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ALDH1L1...



Western blot of extracts (35 ug) from 9 different cell lines by using anti-ALDH1L1 monoclonal...



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

ALDH1L1 Antibody (clone 2A6) - 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.