

ALDH3A2 Antibody (aa166-400)
Rabbit Polyclonal Antibody
Catalog # ALS16835**Specification**

ALDH3A2 Antibody (aa166-400) - Product Information

Application	IHC, WB
Primary Accession	P51648
Other Accession	224
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54848

ALDH3A2 Antibody (aa166-400) - Additional Information**Gene ID** 224**Other Names**

ALDH3A2, Aldehyde dehydrogenase 10, ALDH10, Fatty aldehyde dehydrogenase, FALDH, SLS

Target/Specificity

Human ALDH3A2.

Reconstitution & Storage

PBS, pH 7.4, 0.02% sodium azide. Store at -20°C for up to one year.

Precautions

ALDH3A2 Antibody (aa166-400) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH3A2 Antibody (aa166-400) - Protein Information**Name** ALDH3A2**Function**

Catalyzes the oxidation of medium and long chain aliphatic aldehydes to fatty acids. Active on a variety of saturated and unsaturated aliphatic aldehydes between 6 and 24 carbons in length (PubMed: [9133646](http://www.uniprot.org/citations/9133646), PubMed: [22633490](http://www.uniprot.org/citations/22633490), PubMed: [25047030](http://www.uniprot.org/citations/25047030), PubMed: [18035827](http://www.uniprot.org/citations/18035827), PubMed: [9662422](http://www.uniprot.org/citations/9662422), PubMed: [18182499](http://www.uniprot.org/citations/18182499)). Responsible for conversion of the sphingosine 1-phosphate (S1P) degradation product hexadecenal to hexadecenoic acid (PubMed: [22633490](http://www.uniprot.org/citations/22633490)).

Cellular Location

Microsome membrane; Single-pass membrane protein. Endoplasmic reticulum membrane; Single-pass membrane protein; Cytoplasmic side {ECO:0000250|UniProtKB:P30839}

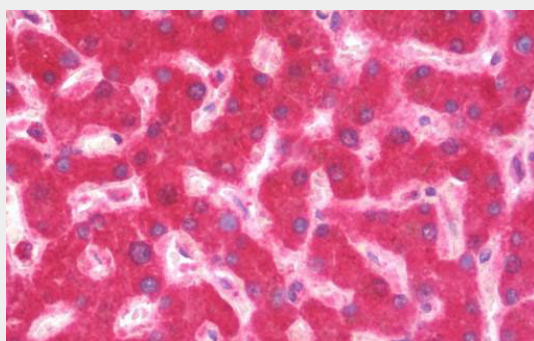
Tissue Location

Detected in liver (at protein level).

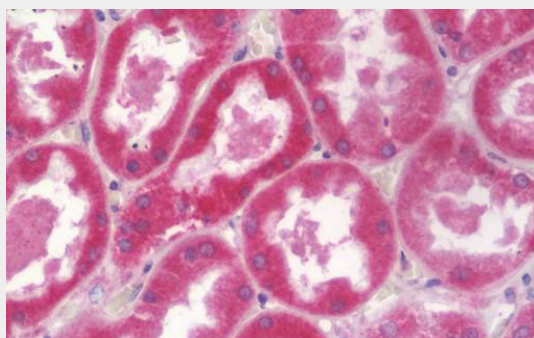
ALDH3A2 Antibody (aa166-400) - Protocols

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

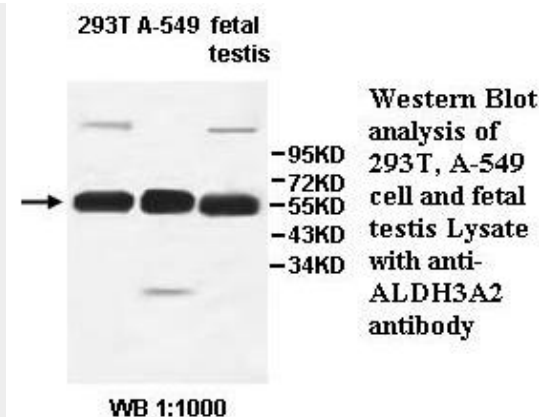
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ALDH3A2 Antibody (aa166-400) - Images

Anti-ALDH3A2 antibody IHC staining of human liver.



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



western blot analysis of 293t,a-549 cell and fetal testis lysate with anti-aldh3a2 antibody

ALDH3A2 Antibody (aa166-400) - Background

Catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acids. Active on a variety of saturated and unsaturated aliphatic aldehydes between 6 and 24 carbons in length. Responsible for conversion of the sphingosine 1-phosphate (S1P) degradation product hexadecenal to hexadecenoic acid.

ALDH3A2 Antibody (aa166-400) - References

- de Laurenzi V.,et al.Nat. Genet. 12:52-57(1996).
- Rogers G.R.,et al.Genomics 39:127-135(1997).
- Chang C.,et al.Genomics 40:80-85(1997).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.