

ALDH6A1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS15856**Specification**

ALDH6A1 Antibody (Internal) - Product Information

Application	WB
Primary Accession	Q02252
Reactivity	Human, Mouse
Host	Goat
Clonality	Polyclonal
Calculated MW	58kDa KDa

ALDH6A1 Antibody (Internal) - Additional Information**Gene ID** 4329**Other Names**

Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial, MMSDH,
Malonate-semialdehyde dehydrogenase [acylating], 1.2.1.18, 1.2.1.27, Aldehyde dehydrogenase
family 6 member A1, ALDH6A1, MMSDH

Target/Specificity

Human ALDH6A1.

Reconstitution & Storage

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

Precautions

ALDH6A1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH6A1 Antibody (Internal) - Protein Information**Name** ALDH6A1 ([HGNC:7179](#))**Function**

Malonate and methylmalonate semialdehyde dehydrogenase involved in the catabolism of valine, thymine, and compounds catabolized by way of beta-alanine, including uracil and cytidine.

Cellular Location

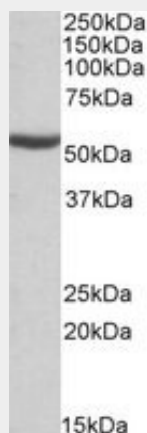
Mitochondrion.

ALDH6A1 Antibody (Internal) - 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](#)

ALDH6A1 Antibody (Internal) - Images



ALDH6A1 antibody (0.1 ug/ml) staining of Mouse Kidney lysate (35 ug protein/ml in RIPA buffer).

ALDH6A1 Antibody (Internal) - Background

Plays a role in valine and pyrimidine metabolism. Binds fatty acyl-CoA.

ALDH6A1 Antibody (Internal) - References

Chambliss K.L.,et al.J. Inherit. Metab. Dis. 23:497-504(2000).
Ding J.H.,et al.Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.
Ding J.H.,et al.Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Heilig R.,et al.Nature 421:601-607(2003).