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ALDH6A1 (aa262-272) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3362a

Specification

ALDH6A1 (aa262-272) Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q02252
Other Accession	NP_005580.1, 4329, 104776 (mouse), 81708 (rat)
Reactivity	**Human, Mouse, Rat**
Predicted	**Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**57840**

ALDH6A1 (aa262-272) Antibody (internal region) - 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

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ALDH6A1 (aa262-272) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH6A1 (aa262-272) Antibody (internal region) - 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

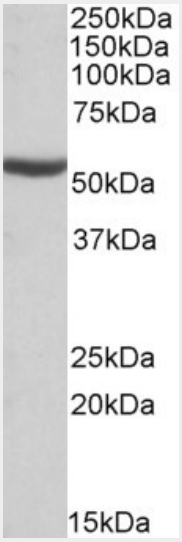
Mitochondrion.

ALDH6A1 (aa262-272) Antibody (internal region) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ALDH6A1 (aa262-272) Antibody (internal region) - Images



AF3362a (0.1 µg/ml) staining of Mouse Kidney lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ALDH6A1 (aa262-272) Antibody (internal region) - References

Tissue distribution, ontogeny, and regulation of aldehyde dehydrogenase (Aldh) enzymes mRNA by prototypical microsomal enzyme inducers in mice. Alnouti Y, Klaassen CD. Toxicol Sci. 2008 Jan;101(1):51-64. PMID: 17998271