10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ALDH2 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3238a

Specification

ALDH2 Antibody (internal region) - Product Information

Application	**EIA, WB**
Primary Accession	P05091
Other Accession	NP_000681.2, 217
Reactivity	**Human, Mouse, Rat**
Predicted	**Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**56381**

ALDH2 Antibody (internal region) - Additional Information

Gene ID 217

Other Names
Aldehyde dehydrogenase, mitochondrial, 1.2.1.3, ALDH class 2, ALDH-E2, ALDHI, ALDH2, ALDM

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
ALDH2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH2 Antibody (internal region) - Protein Information

Name ALDH2

Synonyms ALDM

Function
Required for clearance of cellular formaldehyde, a cytotoxic and carcinogenic metabolite that induces DNA damage.

Cellular Location
Mitochondrion matrix.

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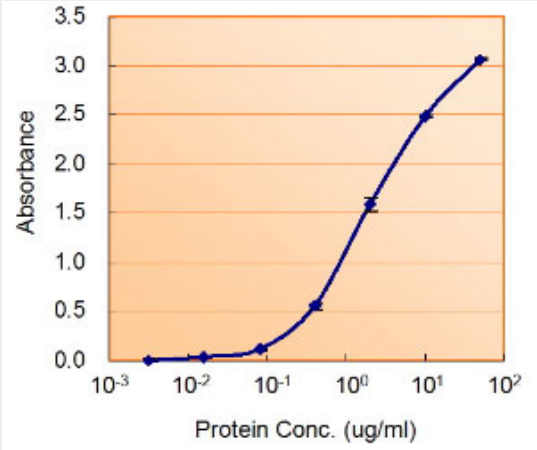
ALDH2 Antibody (internal region) - Protocols

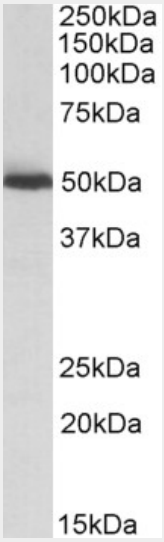
Provided below are standard protocols that you may find useful for product applications.

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

ALDH2 Antibody (internal region) - Images



AF3238a (1.5ug/ml) as the reporter with EB002001 as the capture rabbit antibody (2.5ug/ml.



AF3238a (0.03µg/ml) staining of Mouse Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ALDH2 Antibody (internal region) - References

Association between personality traits and ALDH2 polymorphism in Japanese male alcoholics.

Kimura M, Sawayama T, Matsushita S, Higuchi S, Kashima H, Alcoholism, clinical and experimental research 2009 May 33 (5): 799-803. PMID: 19298328