

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, Cow
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

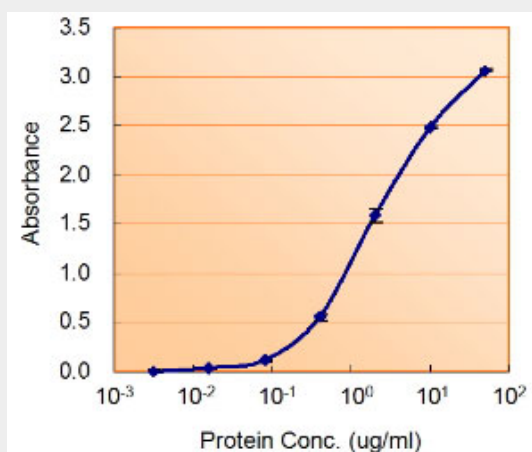
Mitochondrion matrix.

ALDH2 Antibody (internal region) - Protocols

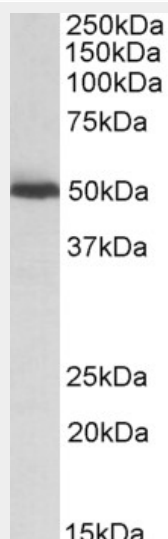
Provided below are standard protocols that you may find useful for product applications.

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