

ALDH2, Biotinylated
Peptide-affinity purified goat antibody
Catalog # AF3238b**Specification**

ALDH2, Biotinylated - Product Information

Application	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, Biotinylated - 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, Biotinylated is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH2, Biotinylated - 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, Biotinylated - 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, Biotinylated - Images



Biotinylated EB10118 (0.3 μ g/ml) staining of Mouse Liver lysate (35 μ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP block

ALDH2, Biotinylated - 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