

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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EB10118-B - Goat Anti-ALDH2, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ALDH2, aldehyde dehydrogenase 2 family (mitochondrial), ALDH-E2, ALDHI, ALDM, ALDH class 2, acetaldehyde dehydrogenase 2, liver mitochondrial ALDH, nucleus-encoded mitochondrial aldehyde dehydrogenase 2, MGC1806, mitochondrial aldehyde dehydrogenase 2

Official Symbol: ALDH2

Accession Number(s): NP_000681.2; NP_001191818.1

Human GeneID(s): 217

Non-Human GenelD(s): 11669 (mouse), 29539 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_000681.2; NP_001191818.1).

Immunogen

Peptide with sequence C-DETQFKKILGYIN., from the internal region of the protein sequence according to NP_000681.2; NP_001191818.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 55kDa band observed in Mouse Liver lysates (calculated MW of 56.5kDa according to Mouse NP_033786.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB10118 (0.3µg/ml) staining of Mouse Liver lysate (35µg 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 blocker as a substitute for skimmed milk.