



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

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10130 - Goat Anti-ALDH9A1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 4-trimethylaminobutyraldehyde dehydrogenase, aldehyde dehydrogenase (NAD⁺), aldehyde dehydrogenase 9 family, member A1, aldehyde dehydrogenase 9A1, aldehyde dehydrogenase E3 is, ALDH4, ALDH7, ALDH9, E3, R-aminobutyraldehyde dehydrogenase, TMABADH, ALDH9A1

Official Symbol: ALDH9A1

Accession Number(s): NP_000687.3

Human GeneID(s): [223](#)

Immunogen

Peptide with sequence C-QKEILDKFTEEVVKQ, from the internal region of the protein sequence according to NP_000687.3.

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 1:16000.

Western blot: Approx 50kDa band observed in Human Kidney and Liver lysates (calculated MW of 56.3kDa according to NP_000687.3). Recommended concentration: 0.3-1µg/ml.

IHC: In paraffin embedded Human Cerebellum shows staining of a few cells between the Granular Cell layer and the Molecular Layer of the Cerebellum. Please note the unstained Purkinje cell at 10 O'clock. Recommended concentration, 3-5µg/ml.

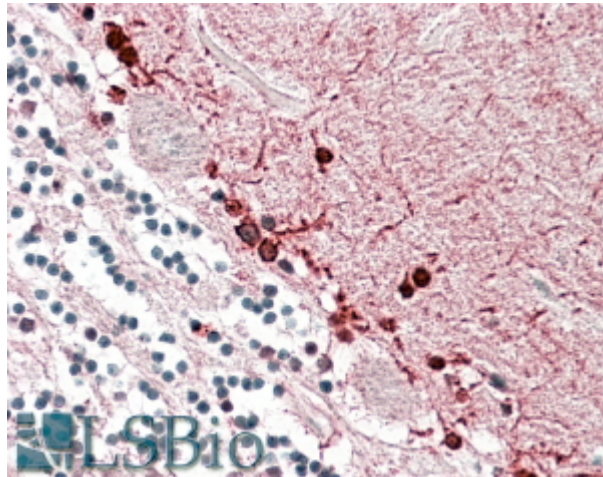
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cow



EB10130 (0.3 μ g/ml) staining of Human Kidney lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10130 (3.8 μ g/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.