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

EB10130-B - Goat Anti-ALDH9A1, Biotinylated 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 lysates (calculated MW of 56.3kDa according to NP_000687.3). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cow



Biotinylated 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, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.