

International Office

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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.

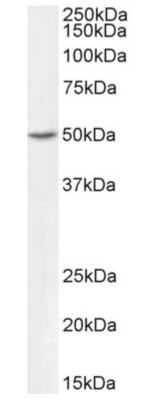
Applications Tested

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 (0.3µg/ml) staining of Human Kidney lysate (35µg 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.