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

EB10122 - Goat Anti-ALDH1B1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: acetaldehyde dehydrogenase 5, aldehyde dehydrogenase 1 family, member B1, aldehyde dehydrogenase 1B1, aldehyde dehydrogenase 5, ALDH class 2, ALDH5, ALDHX, MGC2230, mitochondrial aldehyde dehydrogenase X, ALDH1B1

Official Symbol: ALDH1B1

Accession Number(s): NP_000683.3

Human GeneID(s): [219](#)

Immunogen

Peptide with sequence C-DKEQFERVLGYIQ, from the internal region of the protein sequence according to NP_000683.3.

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 1:4000.

Western blot: Approx. 50kDa band observed in Human Liver lysates (calculated MW of 57.2kDa according to Human NP_000683.3). Recommended concentration: 2-3µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

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



EB10122 (3µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.