

## UK Office

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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 (3 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.