

## UK Office

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

## EB10125 - Goat Anti-ALDH3B1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** aldehyde dehydrogenase 3 family, member B1, aldehyde dehydrogenase 3B1, aldehyde dehydrogenase 7, ALDH4, ALDH7, FLJ26433, FLJ34710, ALDH3B1

**Official Symbol:** ALDH3B1

**Accession Number(s):** NP\_000685.1

**Human GeneID(s):** [221](#)

**Important Comments:** This antibody is expected to recognize isoform a (NP\_000685.1) only. This antibody is not expected to cross react with ALDH3B2. Reported variants represent identical protein: NP\_000685.1, NP\_001154945.1

### Immunogen

Peptide with sequence C-QDLHKSAFEEVSE, from the internal region of the protein sequence according to NP\_000685.1.

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 55kDa band observed in Human Peripheral Blood Mononucleocytes and in lysates of cell line K562 (calculated MW of 51.8kDa according to NP\_000685.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB10125 (0.3 $\mu$ g/ml) staining of K562 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.