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EB10132 - Goat Anti-ALDH3A2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: alcohol dehydrogenase family 3, subfamily A2, aldehyde dehydrogenase 3 family, member A2, aldehyde dehydrogenase 3A2, aldehyde dehydrogenase 4, aldehyde dehydrogenase family 3 member A2, aldehyde dehydrogenase family 3, subfamily A2, Aldh4, FALDH, Aldh3a2

Official Symbol: Aldh3a2

Accession Number(s): NP_113919.2

Non-Human GenelD(s): 11671 (mouse), 65183 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_001026976.1; NP_000373.1).

Immunogen

Peptide with sequence C-KGLKGESVNKLRY, from the internal region of the protein sequence according to NP_113919.2.

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 1:32000.

Western blot: Approx 55kDa band observed in Rat Liver lysates (calculated MW of 54.1kDa according to Rat NP_113919.2). Recommended concentration: 0.03-0.1μg/ml.

Primary incubation was 1 hour.

IHC: Paraffin embedded Human Adrenal Gland. Recommended concentration: 5µg/ml.

Species Reactivity

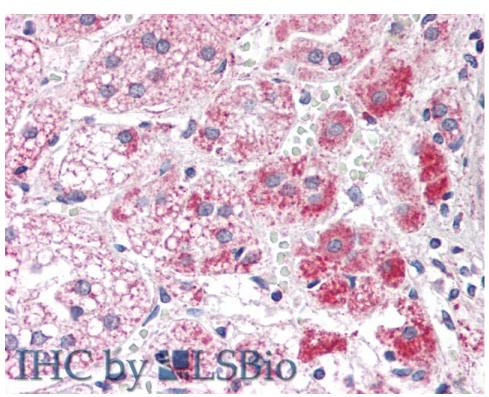
Tested: Human, Rat

Expected from sequence similarity: Mouse, Rat

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

EB10132 (0.03µg/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10132 ($5\mu g/ml$) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.