

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB10435-B - Goat Anti-ALDH5A1 (aa 485-496), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: aldehyde dehydrogenase 5 family, member A1, aldehyde dehydrogenase 5A1, mitochondrial succinate semialdehyde dehydrogenase, NAD(+)-dependent succinic semialdehyde dehydrogenase, SSADH, SSDH,

succinate-semialdehyde dehydrogenase, ALDH5A1

Official Symbol: ALDH5A1

Accession Number(s): NP_733936.1; NP_001071.1

Human GenelD(s): 7915

Non-Human GenelD(s): 214579 (mouse), 291133 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_733936.1; NP_001071.1). Amino acid numbering in name calculated from

NP_733936.1.

Immunogen

Peptide with sequence C-SQDPAQIWRVAE., from the internal region of the protein sequence according to NP_733936.1; NP_001071.1.

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

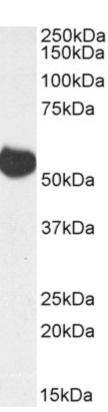
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 55kDa band observed in Human Liver lysates (calculated MW of 58.7kDa according to NP_733936.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

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



Biotinylated EB10435 (0.5µg/ml) staining of Human Liver 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.