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Research Use Only. Not for diagnostic or therapeutic use.

EB11062 - Goat Anti-Hsd11b1 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 11-beta-HSD1, 11-beta-hydroxysteroid dehydrogenase 1, 11-DH, corticosteroid 11-beta-dehydrogenase isozyme 1, HDL, HSD11B, HSD11L, hydroxysteroid (11-beta) dehydrogenase 1, short chain dehydrogenase/reductase family

26C, member 1, Hsd11b1 Official Symbol: Hsd11b1

Accession Number(s): NP_032314.2

Non-Human GenelD(s): 15483 (mouse), 25116 (rat)

Immunogen

Peptide with sequence C-TARSEEGLQKVVSR, from the internal region of the protein sequence according to NP_032314.2.

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 32kDa band observed in Mouse Lung lysates (calculated MW of 32.4kDa according to NP_032314.2). Recommended concentration: 0.3-1μg/ml. An additional band of unknown identity was also consistently observed at 45kDa. This band was successfully blocked by incubation with the immunizing peptide. However, it remained visible in a KO background.

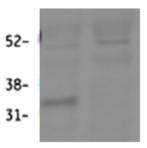
Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse, Rat



EB11062 (0.3 μ g/ml) staining of Mouse Lung lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11062 (0.3µg/ml) staining of Mouse Lung Iysate (60µg protein in RIPA buffer). First lane shows wildtype and second lane shows knockout background. Primary incubation was overnight. Detected by fluorescence with Li-cor). Data obtained from Prof. K. Chapman and Zhenguang Zhang, Centre for Cardiovascular Sciences, Queen's Medical Research Institute, Edinburgh, UK