# EB11062 - Goat Anti-Hsd11b1 (mouse) Antibody

Size: 100µg specific antibody in 200µl


## International Office

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## Target Protein

**Principal Names:** 11-beta-HSD1, 11-beta-hydroxysteroid dehydrogenase 1, 11-DH, corticosteroid 11-beta-dehydrogenase isozyme 1, HDL, HSD11, 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 GeneID(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

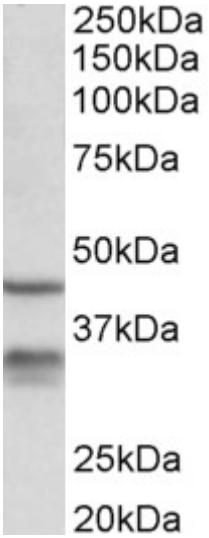
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

## Applications Tested

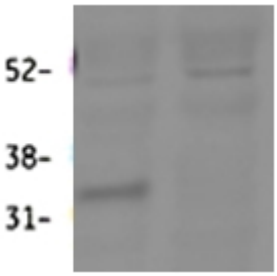
**Peptide ELISA:** antibody detection limit dilution 1:32000.
**Western blot:** Approx 32kDa band observed in Mouse Lung lysates (calculated MW of 32.4kDa according to NP_032314.2). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 45kDa. 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 (0.3µg/ml) staining of Mouse Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.




EB11062 (0.3µg/ml) staining of Mouse Lung lysate (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