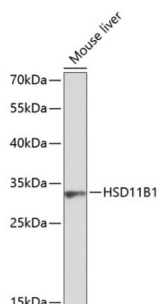


11-Beta-Hydroxysteroid Dehydrogenase Type 1 (HSD11B1) Antibody

Catalogue No.: abx001363



Western blot analysis of lysates from mouse liver, using HSD11B1 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90S.

HSD11B1 Antibody is a Rabbit Polyclonal antibody against HSD11B1. The protein encoded by this gene is a microsomal enzyme that catalyzes the conversion of the stress hormone cortisol to the inactive metabolite cortisone. In addition, the encoded protein can catalyze the reverse reaction, the conversion of cortisone to cortisol. Too much cortisol can lead to central obesity, and a particular variation in this gene has been associated with obesity and insulin resistance in children. Mutations in this gene and H6PD (hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)) are the cause of cortisone reductase deficiency. Alternate splicing results in multiple transcript variants encoding the same protein.

Target:	11-Beta-Hydroxysteroid Dehydrogenase Type 1 (HSD11B1)
Clonality:	Polyclonal
Reactivity:	Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to HSD11B1. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P28845 (UniProt , ExPASy)

Datasheet

Version: 3.0.0
Revision date: 13 Oct 2025



Gene Symbol: HSD11B1

GeneID: [3290](#)

NCBI Accession: NP_005516.1

KEGG: hsa:3290

String: [9606.ENSP00000355995](#)

Molecular Weight: Calculated MW: 32 kDa
Observed MW: 32 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only