

# Product Datasheet

## 11 beta-HSD1 Antibody NB300-934

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB300-934****11 beta-HSD1 Antibody**

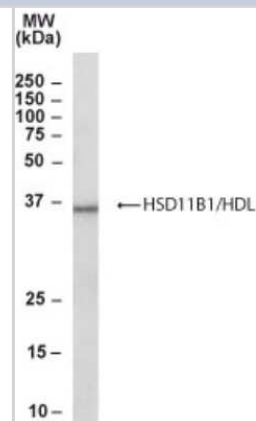
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	3290
Gene Symbol	HSD11B1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise human HSD11B1 protein. Both NP_005516.1 and NP_861420.1 variants encode the same protein.
Immunogen	Peptide with sequence CTSYNMDRFINK corresponding to C-Terminus according to NP_005516.1, NP_861420.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 35 kDa band observed in human liver lysates (calculated MW of 32.4 kDa band according to NP_005516.1 and NP_861420.1).

**Images**

Western Blot: 11 Beta HSD1 Antibody [NB300-934] - (0.3ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Paterson JM, Morton NM, Fievet C et al. Metabolic syndrome without obesity: Hepatic overexpression of 11beta-hydroxysteroid dehydrogenase type 1 in transgenic mice. Proc Natl Acad Sci U S A 2004-05-04 [PMID: 15118095]



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### **Products Related to NB300-934**

NBL1-11718	11 beta-HSD1 Overexpression Lysate
NB300-934PEP	11 beta-HSD1 Peptide
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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