

Product Datasheet

11 beta-HSD1 Antibody NBP2-27469

Unit Size: 0.1 mg

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

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NBP2-27469**11 beta-HSD1 Antibody**

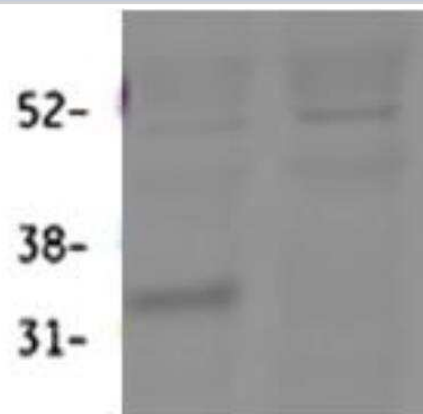
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	3290
Gene Symbol	HSD11B1
Species	Mouse
Immunogen	Peptide with sequence C-TARSEGLQKVVS corresponding to internal region according to NP_032314.2.

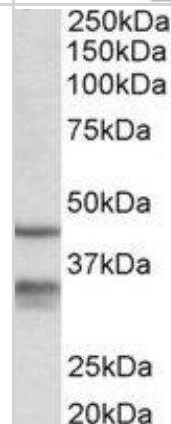
Product Application Details	
Applications	Western Blot, Peptide ELISA, Knockout Validated
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:32000, Knockout Validated
Application Notes	WB: Approx. 32 kDa band observed in mouse lung lysates (calculated MW of 32.4 kDa band according to NP_032314.2). An additional band of unknown identity was also consistently observed at 45 kDa. This band was successfully blocked by incubation with the immunizing peptide. However, it remained visible in a KO background.

Images

Western Blot: 11 beta-HSD1 Antibody [NBP2-27469] - (0.3 ug/ml)
Analysis of Mouse Lung lysate (60 ug protein in RIPA buffer). First lane shows wildtype and second lane shows knockout background. Primary incubation was overnight. Detected by fluorescence. Data obtained from Prof. K. Chapman and Zhenguang Zhang, Centre for Cardiovascular Sciences, Queen's Medical Research Institute, Edinburgh, UK



Western Blot: 11 beta-HSD1 Antibody [NBP2-27469] - (0.3 ug/ml)
Analysis of Mouse Lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Sinclair AJ, Walker EA, Burdon MA et al. Cerebrospinal fluid corticosteroid levels and cortisol metabolism in patients with idiopathic intracranial hypertension: a link between 11beta-HSD1 and intracranial pressure regulation? J Clin Endocrinol Metab 2010-12-01 [PMID: 20826586]



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Products Related to NBP2-27469

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
H00003290-P01-10ug	Recombinant Human 11 beta-HSD1 GST (N-Term) Protein

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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