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anti-HSD11B1 antibody (Internal Region)



Image



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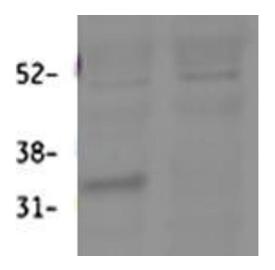
Quantity:	100 μg
Target:	HSD11B1
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HSD11B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Hsd11b1 (mouse)	
Immunogen:	Peptide with sequence C-TARSEEGLQKVVSR, from the internal region of the protein sequence according to NP_032314.2.	
Sequence:	TARSEEGLQK VVSR	
Isotype:	IgG	
Cross-Reactivity:	Mouse, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

Target Details

Target:	HSD11B1		
Alternative Name:	Hsd11b1 (HSD11B1 Products)		
Background:	Hsd11b1, hydroxysteroid (11-beta) dehydrogenase 1, 11-DH, 11-beta-HSD1, HDL, HSD11, HSD11B, HSD11L, 11-beta-hydroxysteroid dehydrogenase 1, corticosteroid 11-beta-dehydrogenase isozyme 1, short chain dehydrogenase/reductase family 26C, member 1		
Molecular Weight:	32.4kDa according to NP_032314.2		
Gene ID:	15483, 25116		
NCBI Accession:	NP_032314		
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis, Regulation of Carbohydrate Metabolic Process		
Application Details			
Application Notes:	Western Blot: Approx 32 kDa band observed in Mouse Lung lysates (calculated MW of 32.4 kDa according to NP_032314.2). Recommended concentration: 0.3-1 µg/mL. An additional band of unknown identity was also consistently observed at 45 kDa. This band was succe Peptide ELISA: antibody detection limit dilution 1:32000.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.5 mg/mL		
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Handling Advice:	Minimize freezing and thawing.		
Storage:	-20 °C		
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.		



Western Blotting

Image 1. ABIN768641 (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. Chapm