

Datasheet for ABIN750913

anti-HSD11B1 antibody (AA 201-292)

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Overview

Quantity:	100 µL
Target:	HSD11B1
Binding Specificity:	AA 201-292
Reactivity:	Human, Mouse, Rat, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD11B1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSD11B1
Isotype:	IgG
Cross-Reactivity:	Horse, Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	HSD11B1
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Target Details

Alternative Name:	HSD11B1/HSD1 (HSD11B1 Products)
Background:	<p>Synonyms: HDL, 11-DH, HSD11, HSD11B, HSD11L, CORTRD2, SDR26C1, 11-beta-HSD1, Corticosteroid 11-beta-dehydrogenase isozyme 1, 11-beta-hydroxysteroid dehydrogenase 1, HSD11B1</p> <p>Background: Catalyzes reversibly the conversion of cortisol to the inactive metabolite cortisone. Catalyzes reversibly the conversion of 7-ketocholesterol to 7-beta-hydroxycholesterol. In intact cells, the reaction runs only in one direction, from 7-ketocholesterol to 7-beta-hydroxycholesterol (By similarity).</p>
Gene ID:	3290
UniProt:	P28845
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

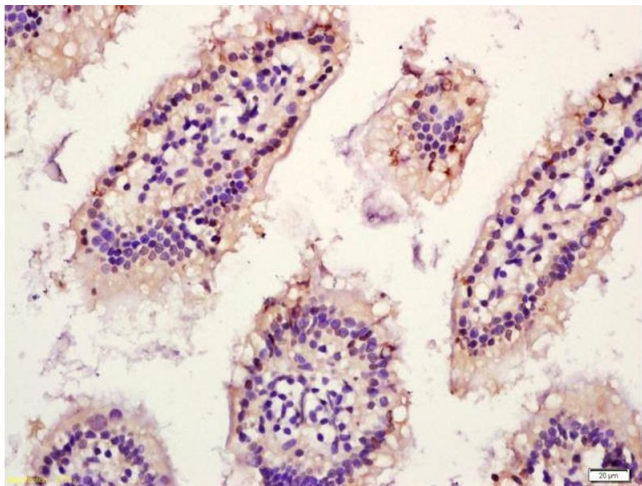
Expiry Date: 12 months

Publications

Product cited in: Nakata, Umeda, Masuzaki, Sawai: "The expression of 11 β -hydroxysteroid dehydrogenase type 1 is increased in experimental periodontitis in rats." in: **BMC oral health**, Vol. 16, Issue 1, pp. 108, (2016) ([PubMed](#)).

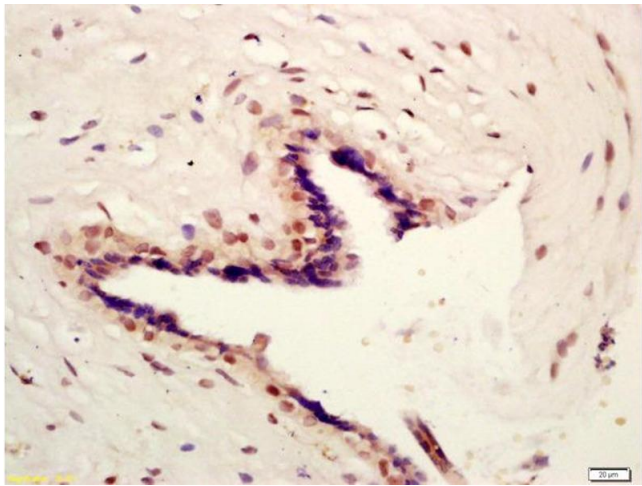
Xu, Zhao, Lin, Xiang, Wang, Ye, Huang: "Preeclampsia is associated with a deficiency of lipoxin A4, an endogenous anti-inflammatory mediator." in: **Fertility and sterility**, Vol. 102, Issue 1, pp. 282-290.e4, (2014) ([PubMed](#)).

Images



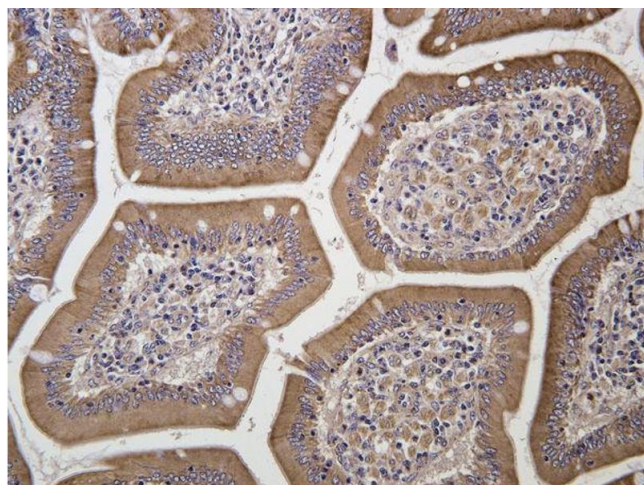
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse intestine labeled with Anti-HSD11B1 Polyclonal Antibody, Unconjugated (ABIN750913) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human placenta labeled with Anti-HSD11B1 Polyclonal Antibody, Unconjugated (ABIN750913) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 3. This image was kindly submitted by Dragos Scarlet DVM, MSc from the University of Vienna as part of the Bioss Discovery Program. Paraffin embedded horse duodenum labeled with Anti-11[°]HSD1 Polyclonal Antibody, Unconjugated (ABIN750913) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN750913.