

Datasheet for ABIN2781776
anti-HSD3B2 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	HSD3B2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Goat, Guinea Pig, Horse, Sheep, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD3B2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HSD3B2
Sequence:	GWSCSLVTGAG GLLGQRIVRL LVEEKELKEI RALDKAFRPE LREEFSKLQN
Predicted Reactivity:	Cow: 85%, Dog: 93%, Goat: 85%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 79%, Rat: 86%, Sheep: 85%
Characteristics:	This is a rabbit polyclonal antibody against HSD3B2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HSD3B2
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Target Details

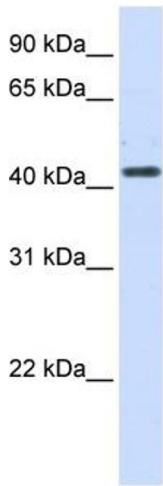
Alternative Name:	HSD3B2 (HSD3B2 Products)
Background:	<p>3-beta-HSD is a bifunctional enzyme, that catalyzes the oxidative conversion of Delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids.</p> <p>Alias Symbols: HSDB, HSDB3, HSD3B, SDR11E2</p> <p>Protein Interaction Partner: ATP4A,</p> <p>Protein Size: 372</p>
Molecular Weight:	42 kDa
Gene ID:	3284
NCBI Accession:	NM_000198 , NP_000189
UniProt:	P26439
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis

Application Details

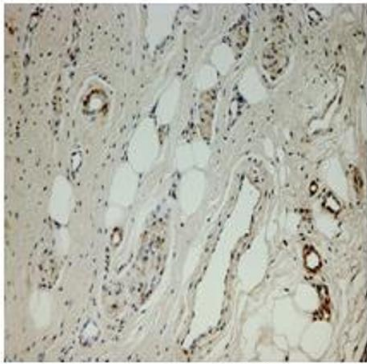
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 372 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

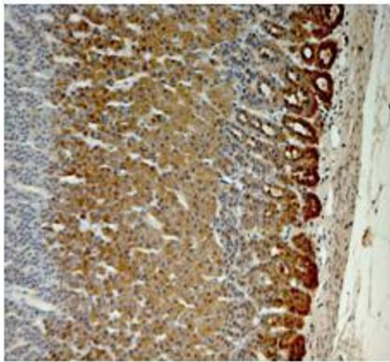


HSD3B2



Brown: HSD3B2
Blue: Nucleus

HSD3B2



Brown: HSD3B2
Blue: Nucleus

Western Blotting

Image 1. WB Suggested Anti-HSD3B2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 293T cell lysate

Immunohistochemistry

Image 2. Sample Type : Monkey vagina Primary Antibody Dilution : 1:25 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:1000 Color/Signal Descriptions: Brown: HSD3B2 Blue: Nucleus Gene Name: HSD3B2 Submitted by: Jonathan Bertin, Endoceutics Inc.

Immunohistochemistry

Image 3. Sample Type : Monkey adrenal gland Primary Antibody Dilution : 1:25 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:1000 Color/Signal Descriptions: Brown: HSD3B2 Blue: Nucleus Gene Name: HSD3B2 Submitted by: Jonathan Bertin, Endoceutics Inc.