

Datasheet for ABIN185616  
**anti-HSD3B1 antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	HSD3B1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HSD3B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	HSD3B1
Immunogen:	Peptide with sequence C-DRHKETLKSKTQ, from the C Terminus of the protein sequence according to NP_000853.1.
Sequence:	DRHKETLKSK TQ
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	HSD3B1
Alternative Name:	HSD3B1 ( <a href="#">HSD3B1 Products</a> )
Background:	HSD3B1, hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1, HGNC:5217, HSD3B, HSDB3, Hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 1
Gene ID:	3283
NCBI Accession:	<a href="#">NP_000853</a>
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a> , <a href="#">Carbohydrate Homeostasis</a>

## Application Details

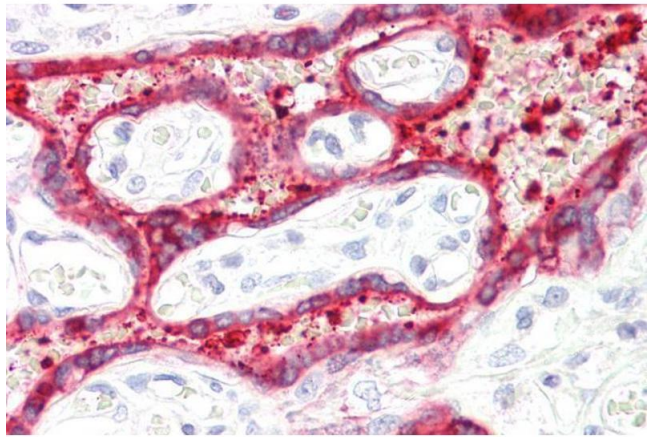
Application Notes:	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 40 kDa band observed in Human Placenta and Adrenal Gland lysates (calculated MW of 42.3 kDa according to NP_000853.1). Recommended concentration: 0.003-0.01 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
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

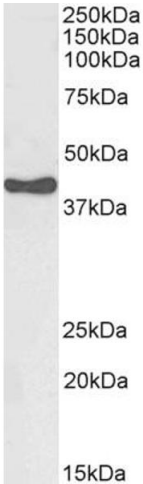
at 4°C for a few weeks and still remain viable.

Images



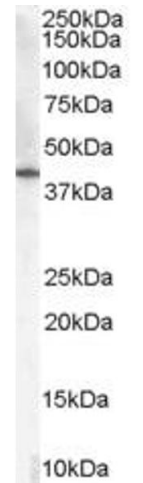
Immunohistochemistry

**Image 1.** ABIN185616 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

**Image 2.** ABIN185616 (0.003µg/ml) staining of Human Adrenal Gland lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

**Image 3.** ABIN185616 (0.01µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.