

## Datasheet for ABIN635665 **anti-HSD3B1 antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	HSD3B1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD3B1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	HSD3 B1 antibody was raised using the N terminal of HSD3 1 corresponding to a region with amino acids TGWSCLVTGAGGFLGQRIIRLLVKEKELKEIRVLDKAFGPPELREEFSKLQ
Specificity:	HSD3 B1 antibody was raised against the N terminal of HSD3 1
Purification:	Affinity purified

#### Target Details

Target:	HSD3B1
Alternative Name:	HSD3B1 ( <a href="#">HSD3B1 Products</a> )
Background:	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.

## Target Details

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Molecular Weight:	42 kDa (MW of target protein)
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

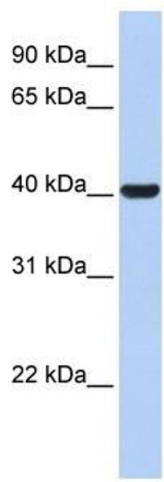
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Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	HSD3B1 Blocking Peptide, catalog no. 33R-9099, is also available for use as a blocking control in assays to test for specificity of this HSD3B1 antibody
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HSD0 1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** HSD3B1 antibody used at 1 ug/ml to detect target protein.