

[Go to Product page](#)

Datasheet for ABIN7142281  
**anti-HSD3B7 antibody (AA 131-197) (Biotin)**

## Overview

Quantity:	100 µg
Target:	HSD3B7
Binding Specificity:	AA 131-197
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD3B7 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human 3 beta-hydroxysteroid dehydrogenase type 7 protein (131-197AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HSD3B7
Alternative Name:	HSD3B7 ( <a href="#">HSD3B7 Products</a> )
Background:	Background: The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. HSD VII is active against four 7-alpha-hydroxylated sterols. Does

## Target Details

not metabolize several different C(19/21) steroids as substrates. Involved in bile acid synthesis (PubMed:11067870). Plays a key role in cell positioning and movement in lymphoid tissues by mediating degradation of 7-alpha,25-dihydroxycholesterol (7-alpha,25-OHC): 7-alpha,25-OHC acts as a ligand for the G protein-coupled receptor GPR183/EBI2, a chemotactic receptor for a number of lymphoid cells.

Aliases: HSD3B73 beta-hydroxysteroid dehydrogenase type 7 antibody, 3 beta-hydroxysteroid dehydrogenase type VII antibody, 3-beta-HSD VII antibody, 3-beta-hydroxy-Delta(5)-C27 steroid oxidoreductase antibody, C(27) 3-beta-HSD antibody, EC 1.1.1.- antibody, Cholest-5-ene-3-beta,7-alpha-diol 3-beta-dehydrogenase antibody, EC 1.1.1.181 antibody

UniProt: [Q9H2F3](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.