

Datasheet for ABIN7152029  
**anti-HSD17B1 antibody (AA 268-328)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	HSD17B1
Binding Specificity:	AA 268-328
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Estradiol 17-beta-dehydrogenase 1 protein (268-328AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HSD17B1
Alternative Name:	HSD17B1 ( <a href="#">HSD17B1 Products</a> )
Background:	Background: Favors the reduction of estrogens and androgens. Also has 20-alpha-HSD activity. Uses preferentially NADH.

## Target Details

Aliases: 17 beta HSD 1 antibody, 17 beta hydroxysteroid dehydrogenase type 1 antibody, 17-beta-HSD 1 antibody, 17-beta-hydroxysteroid dehydrogenase type 1 antibody, 20 alpha-hydroxysteroid dehydrogenase antibody, 20-alpha-HSD antibody, DHB1\_HUMAN antibody, E17KSR antibody, E2DH antibody, EDH17B1 antibody, EDH17B2 antibody, EDHB17 antibody, Estradiol 17 beta dehydrogenase 1 antibody, Estradiol 17-beta-dehydrogenase 1 antibody, HSD17 antibody, HSD17B1 antibody, Hydroxysteroid (17 beta) dehydrogenase 1 antibody, MGC13814 antibody, Placental 17 beta hydroxysteroid dehydrogenase antibody, Placental 17-beta-hydroxysteroid dehydrogenase antibody, SDR28C1 antibody, Short chain dehydrogenase/reductase family 28CE,member 1 antibody

UniProt: [P14061](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D](#), [Steroid Hormone Biosynthesis](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

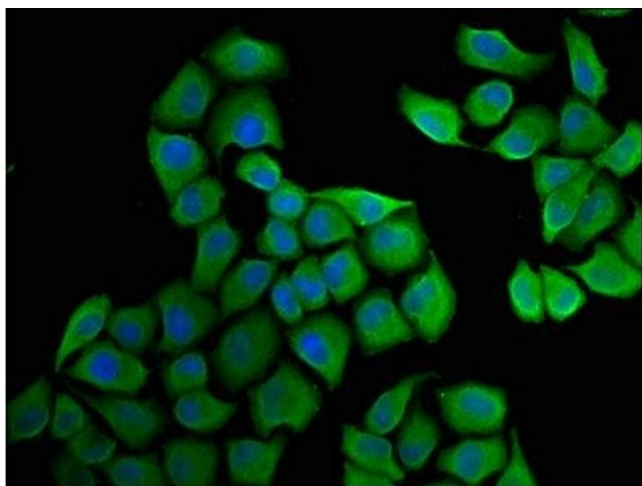
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

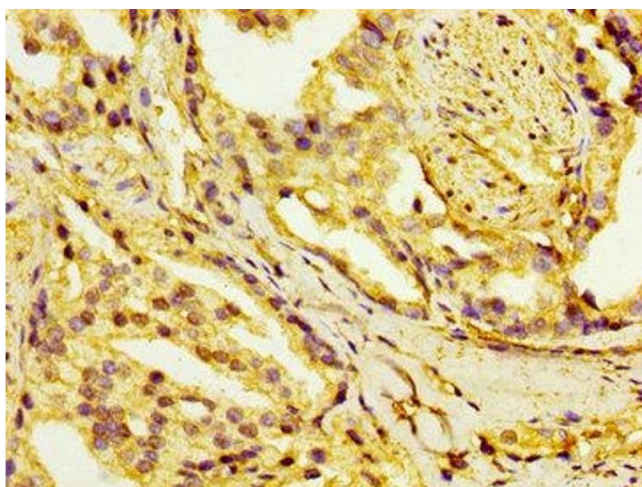
Storage: -20 °C,-80 °C

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



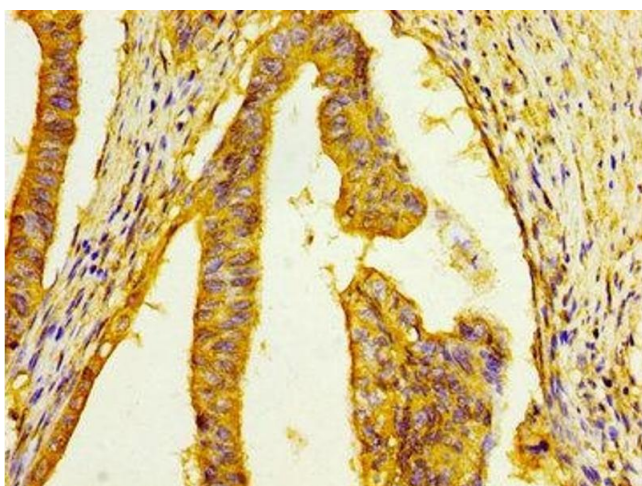
#### Immunofluorescence

**Image 1.** Immunofluorescence staining of HeLa cells with ABIN7152029 at 1:33, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Immunohistochemistry

**Image 2.** IHC image of ABIN7152029 diluted at 1:100 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7152029 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.