

# HSD3B1 Polyclonal Antibody

Catalog Number:E-AB-11310

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

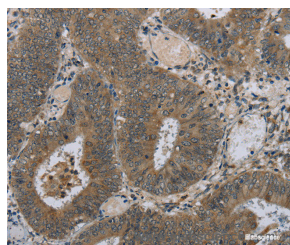
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human HSD3B1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

## Applications Recommended Dilution

<b>IHC</b>	1:50-1:200
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## Data



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using HSD3B1 Polyclonal Antibody at dilution 1:40

## Preparation & Storage

<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.
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## Background

HSD3B1 is a human gene that encodes for a 3 $\beta$ -hydroxysteroid dehydrogenase/delta(5)-delta(4)isomerase type I or hydroxy-delta-5-steroid dehydrogenase, 3  $\beta$ - and steroid delta-isomerase 1. While it can carry out the same function as HSD3B2, it localizes primarily to different tissues, such as the placenta and nonsteroidogenic tissues. Its requirement for the production of progesterone by the placenta, which has a vital role in pregnancy, may be one reason why no disease based on mutations in this gene has been identified to date.

## For Research Use Only

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