

## Product datasheet for **TA364843**

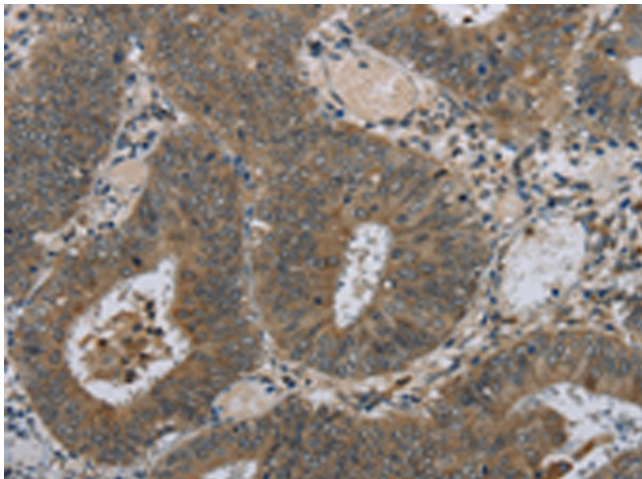
### **HSD3B1 Rabbit Polyclonal Antibody**

#### **Product data:**

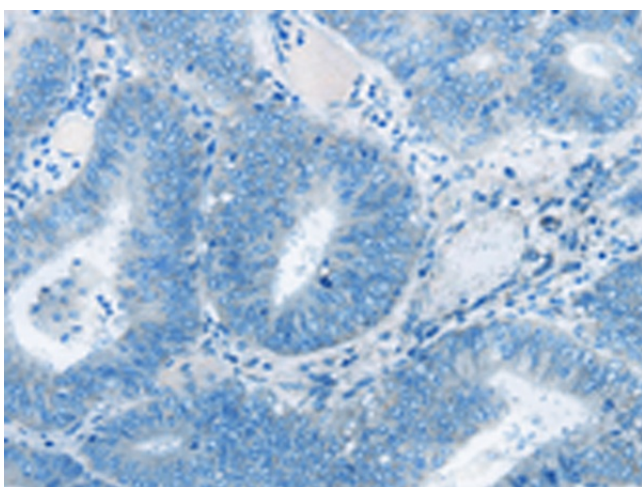
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HSD3B1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
Database Link:	<a href="#">Entrez Gene 3283 Human P14060</a>
Background:	HSD3B1 is a human gene that encodes for a 3beta-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.
Synonyms:	3BETAHSD; 3BH; HSD3B; HSDB3; HSDB3A; I; SDR11E1



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**Product images:**

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA364843 (HSD3B1 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA364843 (HSD3B1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )