

## Product datasheet for **TA364844S**

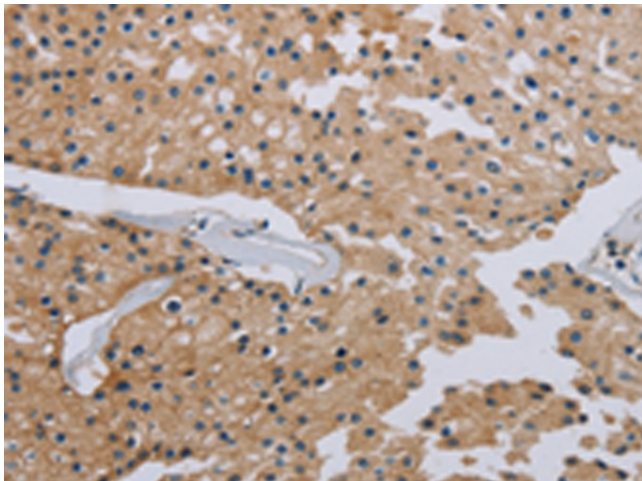
### **HSD3B7 Rabbit Polyclonal Antibody**

#### **Product data:**

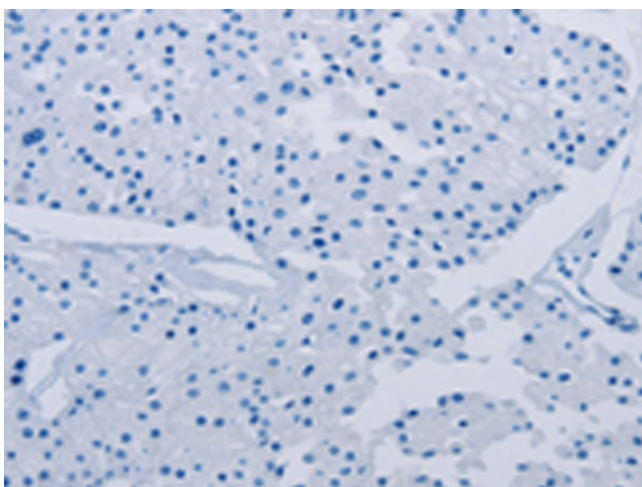
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Fusion protein of human HSD3B7
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	1 year
<b>Gene Name:</b>	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7
<b>Database Link:</b>	<a href="#">Entrez Gene 80270 Human Q9H2F3</a>
<b>Background:</b>	This gene encodes an enzyme which is involved in the initial stages of the synthesis of bile acids from cholesterol and a member of the short-chain dehydrogenase/reductase superfamily. The encoded protein is a membrane-associated endoplasmic reticulum protein which is active against 7-alpha hydroxylated sterol substrates. Mutations in this gene are associated with a congenital bile acid synthesis defect which leads to neonatal cholestasis, a form of progressive liver disease. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Synonyms:</b>	C(27)-3BETA-HSD; PFIC4; SDR11E3



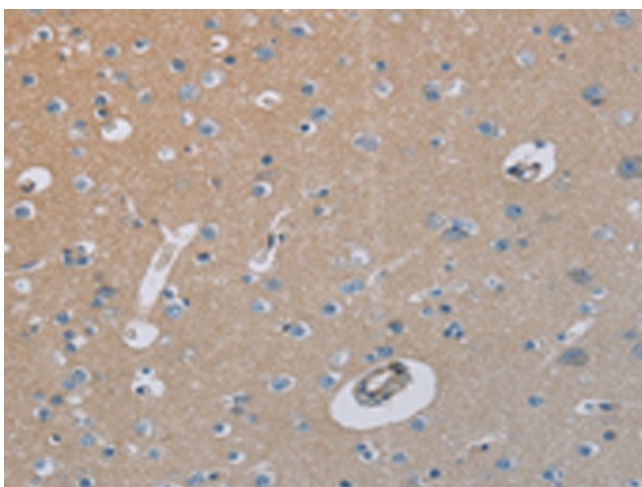
[View online »](#)

**Product images:**

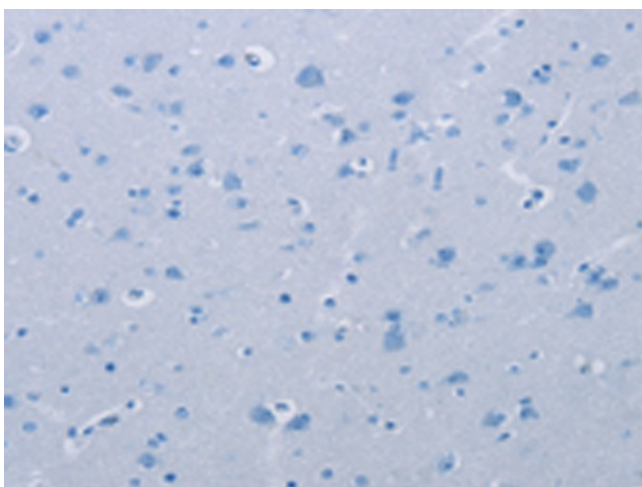
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA364844] (HSD3B7 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA364844] (HSD3B7 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA364844] (HSD3B7 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA364844] (HSD3B7 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )