

## Product datasheet for **TA364844**

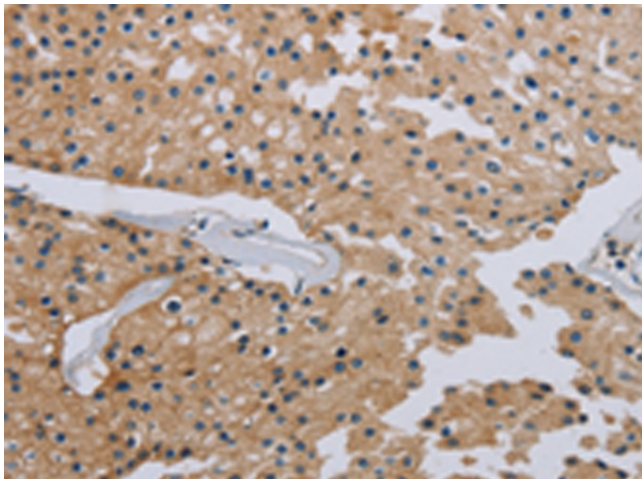
### HSD3B7 Rabbit Polyclonal Antibody

#### Product data:

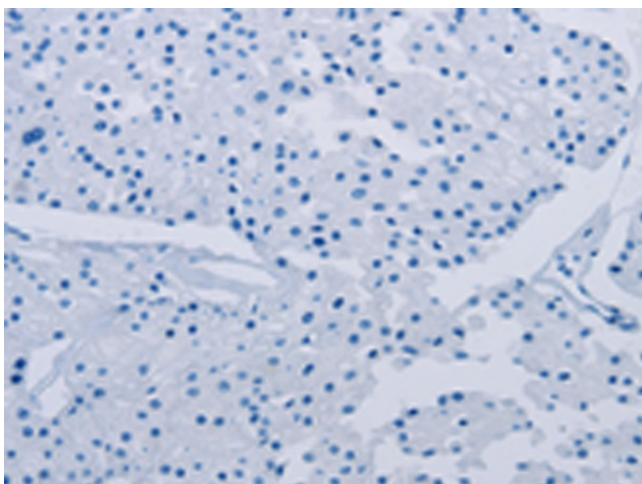
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HSD3B7
Formulation:	pH7.4 PBS, 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 7
Database Link:	<a href="#">Entrez Gene 80270 Human Q9H2F3</a>
Background:	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.
Synonyms:	C(27)-3BETA-HSD; PFIC4; SDR11E3



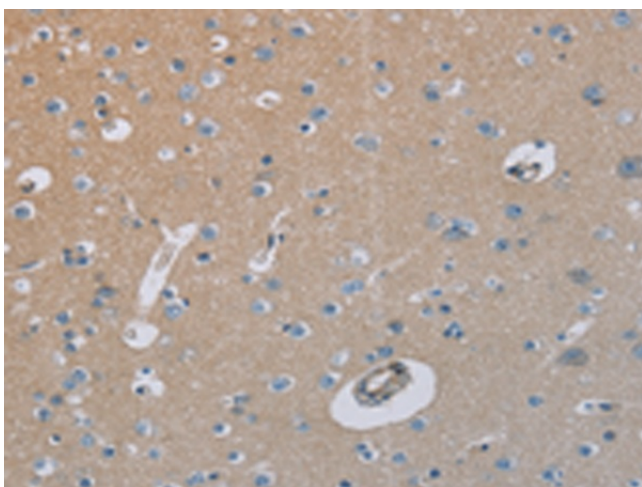
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**Product images:**

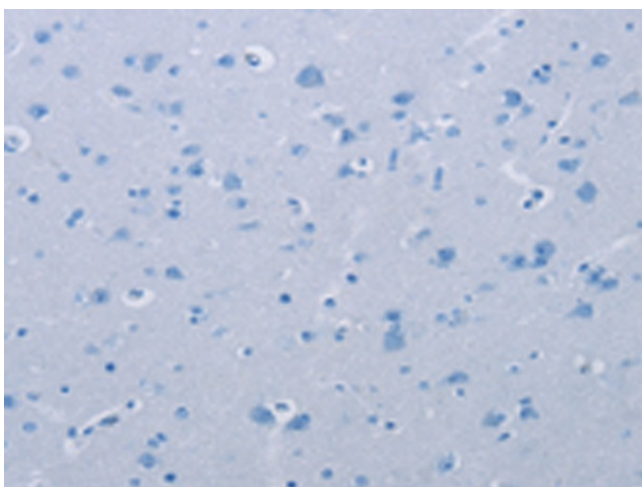
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA364844 (HSD3B7 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



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:  $\times 200$ )