

Product datasheet for **TA346232**

HSD3B1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Monkey
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HSD3B1 antibody: synthetic peptide directed towards the N terminal of human HSD3B1. Synthetic peptide located within the following region: TGWSCSLVTGAGGFLGQRIIRLLVKEKELKEIRVLDKAFGPPELREEFSKLQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
Database Link:	NP_000853 Entrez Gene 3283 Human P14060
Background:	3-beta-HSD is a bifunctional enzyme, that catalyzes the oxidative conversion of Delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids.
Synonyms:	3BETAHSD; HSD3B; HSDB3; HSDB3A; I; SDR11E1
Note:	Immunogen Sequence Homology: Human: 100%; Goat: 82%; Pig: 79%; Rat: 79%; Horse: 79%; Sheep: 79%; Bovine: 79%

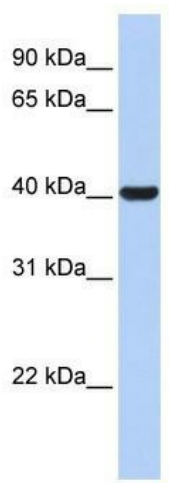


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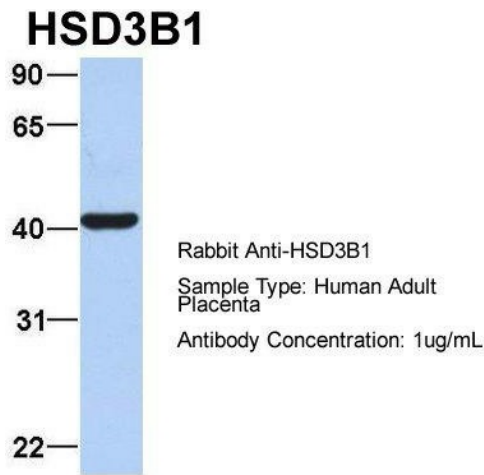
Protein Families: Transmembrane

Protein Pathways: Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways

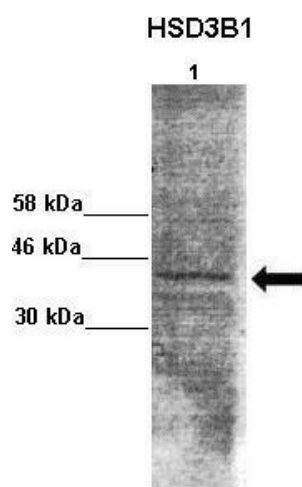
Product images:



WB Suggested Anti-HSD3B1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive
Control: Human Placenta



Host: Rabbit; Target Name: HSD3B1; Sample
Tissue: Human Adult Placenta; Antibody Dilution:
1.0 ug/ml



Lanes: Lane 1: 50ug monkey brain extract;
Primary Antibody Dilution: 1: 1000; Secondary
Antibody: Goat anti rabbit-HRP; Secondary
Antibody Dilution: 1: 10, 000; Gene Name:
HSD3B1; Submitted by: Jonathan Bertin,
Endoceutics Inc.