

Product datasheet for **TA334658**

HSD3B2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC, WB
Reactivity:	Human, Monkey
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HSD3B2 antibody: synthetic peptide directed towards the N terminal of human HSD3B2. Synthetic peptide located within the following region: GWSCLVTGAGLLGQRIVRLVVEEKELKEIRALDKAFRPELREEFSKLQN
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 2
Database Link:	NP_000189 Entrez Gene 3284 Human P26439
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:	HSD3B; HSDB; SDR11E2
Note:	Immunogen Sequence Homology: Human: 100%; Dog: 93%; Horse: 93%; Rat: 86%; Goat: 85%; Sheep: 85%; Bovine: 85%; Pig: 79%; Mouse: 79%; Guinea pig: 79%

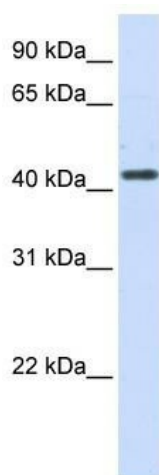


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Protein Families: Druggable Genome, Transmembrane

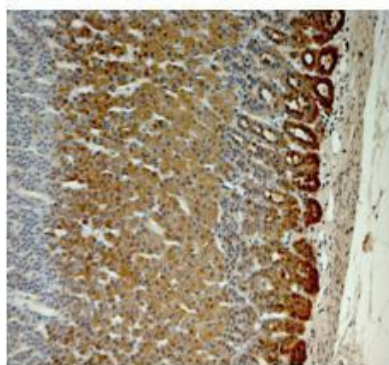
Protein Pathways: Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways

Product images:



HSD3B2

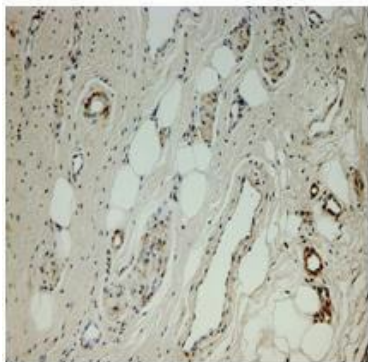
WB Suggested Anti-HSD3B2 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive
Control: 293T cell lysate



Brown: HSD3B2
Blue: Nucleus

Sample Type: Monkey adrenal gland; Primary
Antibody Dilution: 1: 25; Secondary Antibody:
Anti-rabbit-HRP; Secondary Antibody Dilution: 1:
1000; Color/Signal Descriptions: Brown: HSD3B2
Blue: Nucleus; Gene Name: HSD3B2; Submitted
by: Jonathan Bertin, Endoc

HSD3B2



Brown: HSD3B2
Blue: Nucleus

Sample Type: Monkey vagina; Primary Antibody Dilution: 1: 25; Secondary Antibody: Anti-rabbit-HRP; Secondary Antibody Dilution: 1: 1000; Color/Signal Descriptions: Brown: HSD3B2 Blue: Nucleus; Gene Name: HSD3B2; Submitted by: Jonathan Bertin, Endoceutics