

Rabbit HSD3B2 Polyclonal Antibody | anti-HSD3B2 antibody

HSD3B2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199404	Rabbit	Tested: Human, Monkey Predicted: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Sheep, Monkey	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

HSD3B2; Polyclonal Antibody; HSD3B2 antibody - N-terminal region; anti-HSD3B2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human, Monkey Predicted: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Sheep, Monkey
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: GW SCLVTGAGGL LGQRIVRLLV EEKELKEIRA LDKAFRPELR EEFSKLQN
Sequence Length	372
Applicable Applications for anti-HSD3B2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Predicted Homology	Cow: 85%; Dog: 93%; Goat: 85%; Guinea Pig: 79%; Horse: 93%; Human: 100%; Mouse: 79%; Rat: 86%; Sheep: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HSD3B2
Protein Size (# AA)	372 amino acids
Protein Interactions	ATP4A
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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


IHC (Immunohistochemistry)

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 Inc.



IHC (Immunohistochemistry)

Sample Type: Monkey adrenal glandPrimary Antibody Dilution: 1:25Secondary Antibody: Anti-rabbit-HRPSecondary Antibody Dilution: 1:1000Color/Signal Descriptions:Brown: HSD3B2
Blue: NucleusGene Name: HSD3B2Submitted by: Jonathan Bertin, Endoceutics Inc.

ADDITIONAL INFORMATION

Related Product Information for anti-HSD3B2 antibody	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.
Product Categories/Family for anti-HSD3B2 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504509
NCBI GeneID	3284
NCBI Accession #	NP_000189
NCBI GenBank Nucleotide #	NM_000198
UniProt Accession #	P26439
Molecular Weight	42kDa
NCBI Official Full Name	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2
NCBI Official Synonym Full Names	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2
NCBI Official Symbol	HSD3B2
NCBI Official Synonym Symbols	HSDB; HSD3B; SDR11E2
NCBI Protein Information	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2
UniProt Protein Name	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2
UniProt Gene Name	HSD3B2
UniProt Synonym Gene Names	HSDB3B; 3-beta-HSD II
UniProt Entry Name	3BHS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsd3b2-antibody-western-blot-immunohistochemistry-elisa/199404>