

Rabbit HSD3B1 Polyclonal Antibody | anti-HSD3B1 antibody

HSD3B1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198999	Rabbit	Cow, Goat, Horse, Human, Pig, Rat, Sheep, Monkey	Western Blot

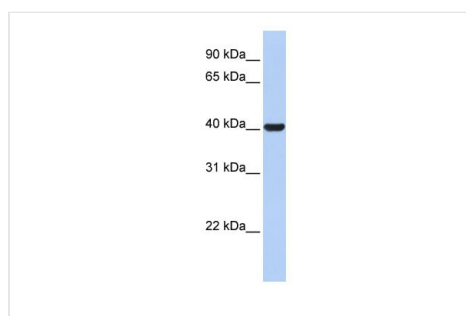
PRODUCT SYNONYMS

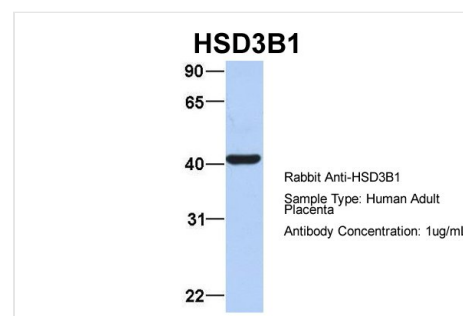
HSD3B1; Polyclonal Antibody; HSD3B1 antibody - N-terminal region; anti-HSD3B1 antibody

PRODUCT SPECIFICATIONS

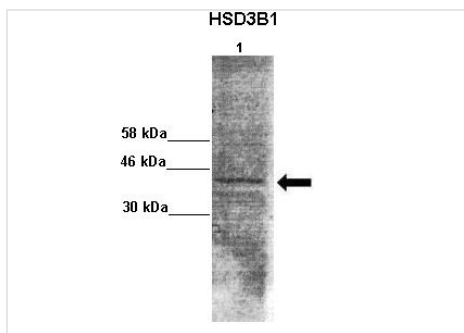
Host	Rabbit
Reactivity	Cow, Goat, Horse, Human, Pig, Rat, Sheep, Monkey
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TG WSCLVTGAGG FLGQRIIRLL VKEKELKEIR VLDKAFGPPEL REEFSLQ
Sequence Length	373
Applicable Applications for anti-HSD3B1 antibody	WB (Western Blot)
Homology	Cow: 79%; Goat: 82%; Horse: 79%; Human: 100%; Pig: 79%; Rat: 79%; Sheep: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HSD3B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

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

WB (Western Blot)

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



WB (Western Blot)

Sample Type: Monkey brain extract 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.

ADDITIONAL INFORMATION

Related Product Information for anti-HSD3B1 antibody	This is a rabbit polyclonal antibody against HSD3B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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-HSD3B1 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504507
NCBI GeneID	3283
NCBI Accession #	NP_000853
NCBI GenBank Nucleotide #	NM_000862
UniProt Accession #	P14060
Molecular Weight	42kDa
NCBI Official Full Name	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1
NCBI Official Synonym Full Names	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
NCBI Official Symbol	HSD3B1
NCBI Official Synonym Symbols	HSD3B; HSDB3; HSDB3A; SDR11E1; 3BETAHSD
NCBI Protein Information	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1
UniProt Protein Name	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1
UniProt Gene Name	HSD3B1
UniProt Synonym Gene Names	3BH; HSDB3A; 3-beta-HSD I
UniProt Entry Name	3BHS1_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.