

Rabbit 3beta-HSD7 Polyclonal Antibody | anti-3beta-HSD7 antibody

3beta-HSD7 Polyclonal Antibody

CATALOG # AAA294157	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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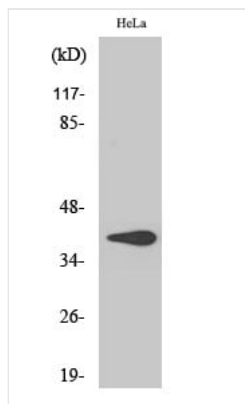
PRODUCT SYNONYMS

3beta-HSD7; Polyclonal Antibody; 3beta-HSD7 Polyclonal Antibody; HSD3B7; 3 beta-hydroxysteroid dehydrogenase type 7; 3 beta-hydroxysteroid dehydrogenase type VII; 3-beta-HSD VII; 3-beta-hydroxy-Delta (5)-C27 steroid oxidoreductase; C (27) 3-beta-HSD; Cholest-5-ene-3-beta; 7-alpha-diol 3-beta-dehydrogenase; anti-3beta-HSD7 antibody

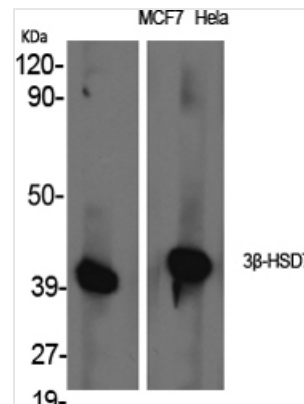
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-3beta-HSD7 antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

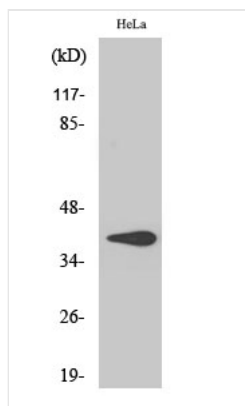
IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

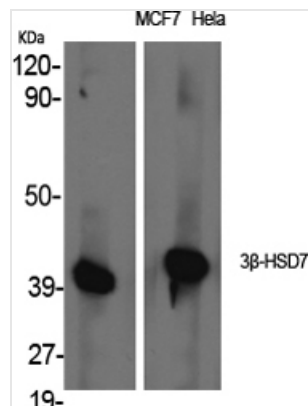

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ADDITIONAL INFORMATION

Related Product Information for anti-3β-HSD7 antibody

The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. HSD VII is active against four 7-alpha-hydroxylated sterols. Does not metabolize several different C (19/21) steroids as substrates. Involved in bile acid synthesis (PubMed:11067870). Plays a key role in cell positioning and movement in lymphoid tissues by mediating degradation of 7-alpha, 25-dihydroxycholesterol (7- alpha, 25-OHC):7-alpha, 25-OHC acts as a ligand for the G protein- coupled receptor GPR183/EBI2, a chemotactic receptor for a number of lymphoid cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218563684
NCBI GeneID	80270
NCBI Accession #	NP_001136249.1
NCBI GenBank Nucleotide #	NM_001142777.1
UniProt Accession #	Q9H2F3; Q96M28; Q9BSN9
Molecular Weight	41,016 Da
NCBI Official Full Name	3 beta-hydroxysteroid dehydrogenase type 7 isoform b
NCBI Official Synonym Full Names	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7
NCBI Official Symbol	HSD3B7
NCBI Official Synonym Symbols	CBAS1; PFIC4; SDR11E3
NCBI Protein Information	3 beta-hydroxysteroid dehydrogenase type 7; 3-beta-HSD VII; C(27)-3BETA-HSD; c(27) 3-beta-HSD; 3 beta-hydroxysteroid dehydrogenase type VII; 3 beta-hydroxy-delta 5-C27-steroid oxidoreductase; 3-beta-hydroxy-Delta(5)-C27 steroid oxidoreductase; cholest-5-e
UniProt Protein Name	3 beta-hydroxysteroid dehydrogenase type 7
UniProt Gene Name	HSD3B7
UniProt Synonym Gene Names	3-beta-HSD VII; C(27) 3-beta-HSD
UniProt Entry Name	3BHS7_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.