

Polyclonal Antibody to 3-beta HSD7 / HSD3B7 (Center) - Aff - Purified

Alternate names:	3 beta-hydroxysteroid dehydrogenase type 7, 3 beta-hydroxysteroid dehydrogenase type VII, 3-beta-hydroxy-Delta(5)-C27 steroid oxidoreductase, 7-alpha-diol 3-beta-dehydrogenase, Cholest-5-ene-3-beta
Catalog No.:	TA339548
Quantity:	50 µg
Background:	This gene encodes an enzyme which is involved in the initial stages of the synthesis of bile acids from cholesterol and a member of the short-chain dehydrogenase/reductase superfamily. The encoded protein is a membrane-associated endoplasmic reticulum protein which is active against 7-alpha hydroxylated sterol substrates. Mutations in this gene are associated with a congenital bile acid synthesis defect which leads to neonatal cholestasis, a form of progressive liver disease. Multiple transcript variants encoding different isoforms have been found for this gene.
Uniprot ID:	Q9H2F3
NCBI:	NM_025193
GeneID:	80270
Host:	Rabbit
Immunogen:	Synthetic peptide directed towards the middle region of human HSD3B7 AA Sequence: QGTRNVI EACVQTGTRFLVYTSSMEVVGPNKGGHPFYRGNE DTPYEAVHR
Format:	State: Lyophilized from PBS Purification: Immunoaffinity column Reconstitution: Add 50 µl of distilled water to a final concentration of 1 mg/ml.
Applications:	Western blotting (0.2 -1 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Mouse, Rat, Rabbit, Guinea Pig, Dog, Bovine, Pig
Storage:	Store lyophilized at 2-8°C for one month or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for up to one month or in aliquots at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

WB Suggested Anti-HSD3B7 Antibody
Titration: 0.2-1 ug/ml; Positive Control:
OVCAR-3 cell lysate

