

bs-2366R**[Primary Antibody]****HSD3B7 Rabbit pAb****BioSS**
ANTIBODIES

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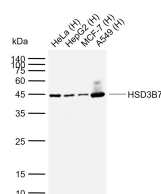
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— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 80270**SWISS:** Q9H2F3**Target:** HSD3B7**Immunogen:** KLH conjugated synthetic peptide derived from human HSD3B7: 101-200/369.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Dec 2008].**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**ELISA** (1:5000-10000)**Reactivity:** Human, Rat
(predicted: Mouse, Rabbit, Pig, Cow)**Predicted MW.:** 41 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**— VALIDATION IMAGES —**

Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HepG2 cell lysates Lane 3: Human MCF-7 cell lysates Lane 4: Human A549 cell lysates
 Primary: Anti-HSD3B7 (bs-2366R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 45 kDa