



## 3β-HSD7 Polyclonal Antibody

Catalog No         BYab-02445           Isotype         IgG           Reactivity         Human; Mouse; Rat           Applications         WB; ELISA           Gene Name         HSD3B7           Protein Name         3 beta-hydroxysteroid dehydrogenase type 7           Immunogen         The antiserum was produced against synthesized peptide derived from human HSD3B7. AA range:121-170           Specificity         3β-HSD7 Polyclonal Antibody detects endogenous levels of 3β-HSD7 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         HSD3B7; 3 beta-hydroxysteroid dehydrogenase type 7; 3 beta-hydroxy-Delta(5)-C27 steroid oxidoreductase; C(27) 3-beta-HSD; Cholest-5-ene-3-beta; 7-alpha-diol 3-beta-dehydrogenase           Observed Band         41kD           Cell Pathway         Endoplasmic reticulum membrane; Multi-pass membrane protein.           Tissue Specificity		
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## 国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



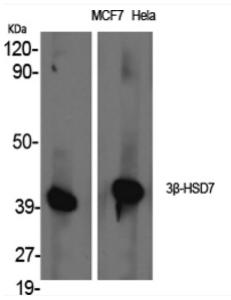
	features include neonatal jaundice, severe intrahepatic cholestasis and cirrhosis.,function:Plays a central role during spermatogenesis by repressing transposable elements and prevent their mobilization, which is essential for the germline integrity. Plays an essential role in meiotic differentiation of spermatocytes, germ cell differentiation and in self-renewal of spermatogonial stem cells. Its presence in oocytes suggests tha
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 hydrosylated 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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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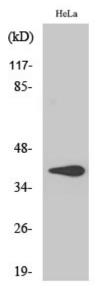




## **Products Images**

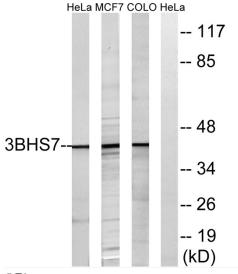


Western Blot analysis of various cells using 3β-HSD7 Polyclonal Antibody diluted at 1:1000

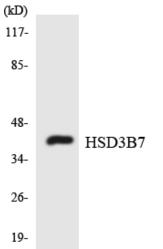


Western Blot analysis of COLO205 cells using  $3\beta$  -HSD7 Polyclonal Antibody diluted at 1:1000





Western blot analysis of lysates from HeLa, MCF-7, and COLO cells, using HSD3B7 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from Jurkat cells using HSD3B7 antibody.