

Anti-HSD3B7 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse)
Molecular Weight:	Theoretical: 41 kDa. Actual: 45 kDa.
Purification:	Protein A purified

Applications

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
Verified Activity:	Primary: Anti-HSD3B7 (TMAB-07325) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 45 kDa
Application:	WB,ELISA
Recommended	WB: 1:500-2000; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human HSD3B7
Antigen Species:	Human
Gene ID:	80270
Uniprot ID:	Q9H2F3

Research 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- α 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].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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