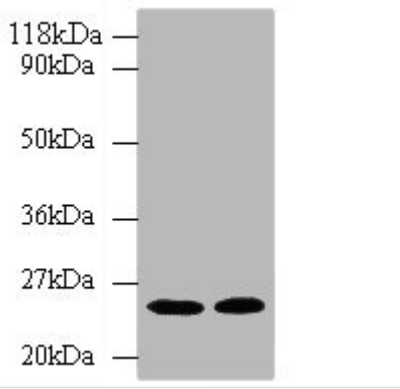
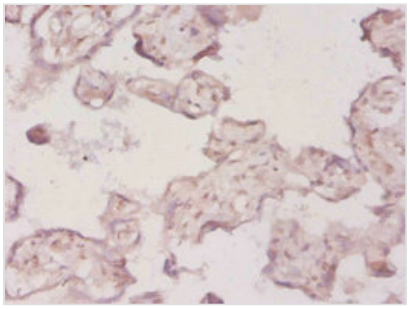
HMGCR Antibody

Product Code	CSB-PA010565LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04035
Immunogen	Recombinant Human 3-hydroxy-3-methylglutaryl-coenzyme A reductase protein (588-887AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-2000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	Transmembrane glycoprotein that is the rate-limiting enzyme in cholesterol biosynthesis as well as in the biosynthesis of nonsterol isoprenoids that are essential for normal cell function including ubiquinone and geranylgeranyl proteins.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMG-CoA reductase) (EC 1.1.1.34), HMGCR
Species	Human
Research Area	Cardiovascular
Target Names	HMGCR

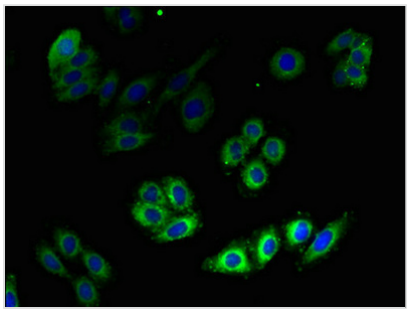
Image



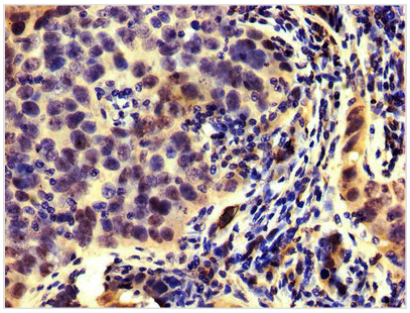
Western blot
All lanes: 3-hydroxy-3 methylglutaryl-coenzyme
A reductase antibody at 2µg/ml
Lane 1: Hela whole cell lysate
Lane 2: 293T whole cell lysate
Secondary
Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 98, 93, 100 kDa
Observed band size: 25 kDa



Immunohistochemistry of paraffin-embedded human placenta tissue using CSB-PA010565LA01HU at dilution of 1:20



Immunofluorescent analysis of HepG2 cells using CSB-PA010565LA01HU at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC image of CSB-PA010565LA01HU diluted at 1:200 and staining in paraffin-embedded human pancreatic cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized tissue using an HRP conjugated SP system.