

bs-7544R**[Primary Antibody]****Bioss**
ANTIBODIES

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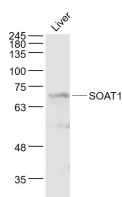
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SOAT1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Chicken, Dog)
GeneID: 6646	SWISS: P35610	Predicted MW.: 61 kDa
Target: SOAT1		Subcellular Location: Cell membrane ,Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human SOAT1/ACAT1: 51-150/550.		
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: Catalyzes the formation of fatty acid-cholesterol esters. Plays a role in lipoprotein assembly and dietary cholesterol absorption. In addition to its acyltransferase activity, it may act as a ligase.		

— VALIDATION IMAGES —

Sample: Liver (Mouse) Lysate at 40 ug Primary:
Anti- SOAT1 (bs-7544R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 61 kD
Observed band size: 65 kD

— SELECTED CITATIONS —

- **[IF=4.165]** Hung-Yu Sun. et al. Sterol O -acyltransferase 2 chaperoned by apolipoprotein J facilitates hepatic lipid accumulation following viral and nutrient stresses. Commun Biol. 2021 May;4(1):1-14 IF ;Human. 33980978