

bs-7545R**[Primary Antibody]****BioSS**
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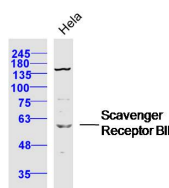
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Scavenger Receptor BII Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
GeneID: 950	SWISS: Q14108	Predicted MW.: 52 kDa
Target: Scavenger Receptor BII		Subcellular Location: Cell membrane ,Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human Scavenger Receptor BII: 181-280/478.		
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: High density lipoproteins (HDLs) play a critical role in cholesterol metabolism and their plasma concentrations are inversely correlated with risk for atherosclerosis. SR-BI and SR-BII (previously known as SR-BI.2) are the alternatively spliced products of a single gene. SR-BII and SR-BI are identical except for the encoded c-terminal cytoplasmic domain. Both SR-BI and SR-BII bind HDL and mediates selective uptake of HDL cholesteryl ester, but with SR-BII having an approximately 4-fold lower efficiency than SR-BI. SR-BI and SR-BII are expressed primarily in liver and non-placental steroidogenic tissues. Although the role of these scavenger receptors is not completely clear, SR-BII mRNA results from the alternative splicing of SR-BI precursor transcripts with both isoforms mediating selective transfer of lipid between HDL and cells. Therefore, the relative expression and functional activities of these two isoforms create a potential means of regulating selective lipid transfer between HDL and cells.		

— VALIDATION IMAGES —

Sample: HeLa Cell (Human) Lysate at 40 ug
Primary: Anti-Scavenger Receptor BII (bs-7545R)
at 1/300 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 52 kD Observed band size: 52 kD