

**bs-5918R****[ Primary Antibody ]****ANGPTL3 Rabbit pAb****BioSS**  
**ANTIBODIES**

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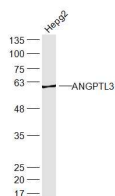
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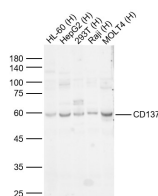
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human
<b>GeneID:</b> 27329	<b>SWISS:</b> Q9Y5C1	
<b>Target:</b> ANGPTL3		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ANG5/ANGPTL3: 51-150/460.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 49 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted
<b>Storage:</b> 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.		
<b>Background:</b> Angiopoietin-like protein 3 (Angptl3) functions as a potent lipoprotein lipase inhibitor and is an important component of plasma triglyceride homeostasis. Angptl3 also plays a role in adipose formation and angiogenesis through its interaction with integrin $\alpha$ 5 $\beta$ 3. It is secreted by the liver and is functionally defined by the C-terminal fibrinogen (FBN)-like domain and an N-terminal coiled-coil domain. Angptl3 regulates circulating triglyceride levels during different nutritional states thereby mediating the feeding/fasting cycle. A deficiency of Angptl3 results in abnormally low lipid levels, and a repression of the protein may be protective against atherosclerosis. Angptl3 may also play an important role in hyperlipidemia in diabetes.		

**— VALIDATION IMAGES —**

Sample: HepG2(Human) Cell Lysate at 30 ug  
 Primary: Anti-ANGPTL3 (bs-5918R) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 49 kD  
 Observed band size: 59 kD



Sample: Lane 1: Human HL-60 cell Lysates  
 Lane 2: Human HepG2 cell Lysates  
 Lane 3: Human 293T cell Lysates  
 Lane 4: Human Raji cell Lysates  
 Lane 5: Human MOLT4 cell Lysates  
 Primary: Anti-ANGPTL3 (bs-5918R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 49kDa  
 Observed band size: 60kDa