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## ANGPTL3 Rabbit pAb

Catalog Number: bs-5918R

Target Protein: ANGPTL3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: Human

Predicted MW: 49 kDa

Entrez Gene: 27329

Swiss Prot: Q9Y5C1

Source: KLH conjugated synthetic peptide derived from human ANG5/ANGPTL3: 51-150/460.

Purification: affinity purified by Protein A

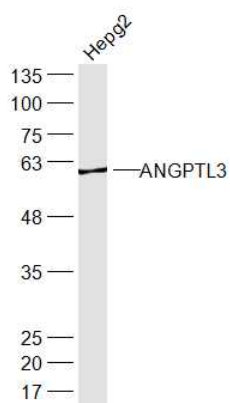
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

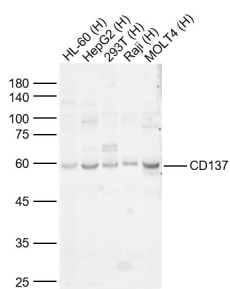
**Background:** Angiopoietin-like protein 3 (Angptl3) functions as a potent lipoprotein lipase inhibitor and is an important component of plasma triglyceride homeostasis. Angptl3 also plays a role in adipose formation and angiogenesis through its interaction with integrin  $\alpha$ 5 $\beta$ 3. It is 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

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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