bs-12491R

[**Primary Antibody**]

APOA1BP/AI-BP Rabbit pAb

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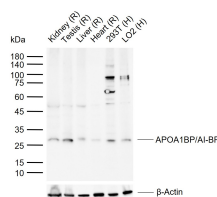
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— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

GeneID: 128240

SWISS: Q8NCW5

Target: APOA1BP/AI-BP

Immunogen: KLH conjugated synthetic peptide derived from human APOA1BP/AI-BP: 201-288/288.

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℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.

Background: Apolipoproteins are protein components of plasma lipoproteins. Apolipoprotein A-I (ApoA1) promotes cholesterol efflux from tissues to the liver for excretion. ApoA1 is the major protein component of high density lipoprotein (HDL) in the plasma. It can function as a cofactor for lecithin cholesterolacyltransferase, which is responsible for the formation of most plasma cholesteryl esters. AI-BP (Apolipoprotein A-I-binding protein), also known as YjeF N-terminal domain-containing protein 1, is a 288 amino acid secreted protein that binds ApoA1, ApoA2 and HDL. Individuals with impaired renal function show an increased rate of AI-BP excretion, indicating that it is normally reabsorbed within the kidney tubules. AI-BP belongs to the YjeF N-terminal domain protein family, which includes proteins that are frequently involved in oogenesis and spermatogenesis. There are two isoforms of AI-BP that are produced as a result of alternative splicing events.

Applications: WB (1:500-2000)

Reactivity: Human, Rat
(predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog, Chimpanzee)

Predicted MW.: 27 kDa

Subcellular Location: Secreted

— VALIDATION IMAGES —

Sample: Lane 1: Rat Kidney tissue lysates Lane 2: Rat Testis tissue lysates Lane 3: Rat Liver tissue lysates Lane 4: Rat Heart tissue lysates Lane 5: Human 293T cell lysates Lane 6: Human LO2 cell lysates Primary: Anti-APOA1BP/AI-BP (bs-12491R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 27 kDa Observed band size: 27 kDa