

bs-3876R**[Primary Antibody]****APOA4 Rabbit pAb****BioSS**
ANTIBODIES

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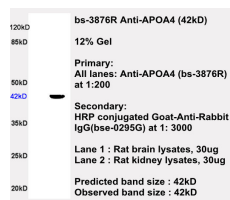
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 337 Target: APOA4 Immunogen: KLH conjugated synthetic peptide derived from human APOA4: 325-375/396. 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: APOA4 (apolipoprotein A-IV) is a component of HDL and chylomicrons. Its primary site of synthesis is the intestine, in association with lymph chylomicron particles. Although its precise function is not known, APOA4 is a potent activator of lecithin-cholesterol acyltransferase (LCAT) in vitro. In rodents, Apo A-IV inhibits gastric emptying and serves as a satiety factor whose synthesis and secretion are increased by the ingestion of dietary fat. It also possesses anti-inflammatory and antiatherogenic properties	Isotype: IgG SWISS: P06727	Applications: WB (1:500-2000) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Dog) Predicted MW.: 44 kDa Subcellular Location: Secreted
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— VALIDATION IMAGES —

Sample: Brain (Rat) Lysate at 30 ug Kidney (Rat) Lysate at 30 ug
 Primary: Anti-APOA4 (bs-3876R) at 1/200 dilution
 Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/3000 dilution
 Predicted band size: 42 kD Observed band size: 42 kD

— SELECTED CITATIONS —

- **[IF=5.008]** Wang et al. Proteome-based identification of apolipoprotein A-IV as an early diagnostic biomarker in liver fibrosis. (2017) Oncotarget. 8:88951-88964 WB ;Rat. 29179490