

bs-4741R**[Primary Antibody]****APOC3 Rabbit pAb****BioSS**
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 345 Target: APOC3 Immunogen: KLH conjugated synthetic peptide derived from human APOC3: 21-80/99. 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: Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. It inhibits lipoprotein lipase and hepatic lipase and it is thought to delay catabolism of triglyceride-rich particles. An increase in apoC-III levels induces the development of hypertriglyceridemia.	Isotype: IgG SWISS: P02656	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Cow) Predicted MW.: 9 kDa Subcellular Location: Secreted
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— SELECTED CITATIONS —

- **[IF=4.87]** Lozhkin, Andrey, et al. "NADPH oxidase 4 regulates vascular inflammation in aging and atherosclerosis." Journal of Molecular and Cellular Cardiology (2016). IHC ;="Mouse". 27986445
- **[IF=4]** Zhou Jiahe. et al. ApoC3 is expressed in oocytes and increased expression is associated with PCOS progression. J OVARIAN RES. 2023 Dec;16(1):1-14 IHC ;Human. 37689737
- **[IF=2.984]** Yitong Pan. et al. N-acetyl-L-tryptophan attenuates hepatic ischemia-reperfusion injury via regulating TLR4/NLRP3 signaling pathway in rats. Peerj. 2021 Aug;9:e11909 WB,IF ;Rat. 34434653
- **[IF=2.136]** Hou Z et al. Comparative proteomic identification buffalo spermatozoa during in vitro capacitation. (2018) Theriogenology 126:303-309. WB ;Buffalo. 30599421
- **[IF=2.136]** Hou Z et al. Comparative proteomic identification of capacitation and noncapacitation swamp buffalo spermatozoa. Theriogenology. 2019 Feb 7;128:176-183. WB ;buffalo. 30772661