

**bs-4741R****[ Primary Antibody ]**

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**APOC3 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 345 <b>Target:</b> APOC3 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human APOC3: 21-80/99. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <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> 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.	<b>Isotype:</b> IgG <b>SWISS:</b> P02656	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000) <b>Reactivity:</b> (predicted: Human, Cow)  <b>Predicted MW.:</b> 9 kDa <b>Subcellular Location:</b> 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