### bs-4741R

## [ Primary Antibody ]

# Bioss ANTIBODIES

# APOC3 Rabbit pAb

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- DATASHEET -

**Host:** Rabbit **Isotype:** IgG

Clonality: Polyclonal

**GenelD:** 345 **SWISS:** P02656

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.

**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

#### - 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