

bs-4874R**[Primary Antibody]**

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Complement C3c alpha' chain fragment 1 Rabbit pAb

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 718	SWISS: P01024	
Target: Complement C3c alpha' chain fragment 1		
Immunogen: KLH conjugated synthetic peptide derived from human Complement C3c alpha' chain fragment 1: 749-850/1663.		
Purification: affinity purified by Protein A		Reactivity: (predicted: Human)
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.		Predicted MW.: 23/181 kDa
Background: The complement factor C3 consists of an alpha and a beta chain. C3 is a central factor in the complement cascade. It is central to the alternative pathway that leads to the C3 convertase C3bBb. The classical mannose binding lectin activation pathway leads to the C3 convertase C4b2a. These convertases cleave C3 resulting in C3a and C3b. Further degradation leads to the formation of the alpha chain products C3d, C3g and C3c. C3 is an acute phase protein that is produced by a wide range of tissues, including renal epithelial cells and hepatocytes.		Subcellular Location: Secreted

— SELECTED CITATIONS —

- **[IF=1.399]** Ya Xing. et al. Complement C3 participates in the development of goose fatty liver potentially by regulating the expression of FASN and ETNK1. Anim Sci J. 2021 Jan;92(1):e13527 WB ;Goose. 33615637