

# Rabbit anti-Human C1QC Polyclonal Antibody | anti-C1QC antibody

C1QC Antibody (Center)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                                    |
|-----------|--------|------------|-------------------------------------------------------------------------------------------------|
| AAA286493 | Rabbit | Human      | Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

## PRODUCT SYNONYMS

C1QC; Polyclonal Antibody; C1QC Antibody (Center); Complement C1q subcomponent subunit C; C1QG; anti-C1QC antibody

## PRODUCT SPECIFICATIONS

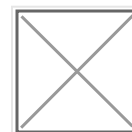
|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human                                                                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| Specificity                                    | This C1QC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-120 amino acids from the Central region of human C1QC.             |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                  | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                             | 93-120                                                                                                                                                                       |
| Sequence Length                                | 245                                                                                                                                                                          |
| Applicable Applications for anti-C1QC antibody | IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                     |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

## IMAGES



### IF (Immunofluorescence)

Confocal immunofluorescent analysis of C1QC Antibody (Center) with WiDr cell followed by Alexa Fluor<sup>®</sup> 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



### FCM/FACS (Flow Cytometry)

C1QC Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### IHC (Immunohistochemistry)

C1QC Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of C1QC Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



#### WB (Western Blot)

C1QC Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the C1QC antibody detected the C1QC protein (arrow).

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-C1QC antibody | This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. A deficiency in C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N-terminus, and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the C-chain polypeptide of human complement subcomponent C1q. Alternatively spliced transcript variants that encode the same protein have been found for this gene. |
| Product Categories/Family for anti-C1QC antibody   | <a href="#">Immunology</a> ; <a href="#">Neuroscience</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| References                                         | Fraser, D.A., et al. J. Immunol. 185(7):3932-3939(2010)<br>Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)<br>Rafiq, S., et al. Clin. Exp. Immunol. 161(2):284-289(2010)<br>Han, S., et al. Hum. Immunol. 71(7):727-730(2010)<br>Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010)                                                                                                                                                                                                                                                                                                                                                                                                                        |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 166235903                                                                                         |
| NCBI GeneID                      | 714                                                                                               |
| NCBI Accession #                 | <a href="#">NP_001107573.1</a> ; <a href="#">NP_758957.2</a>                                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001114101.1</a>                                                                    |
| UniProt Accession #              | <a href="#">P02747</a> ; <a href="#">Q7Z502</a> ; <a href="#">Q96DL2</a> ; <a href="#">Q96H05</a> |
| Molecular Weight                 | 25774                                                                                             |
| NCBI Official Full Name          | complement C1q subcomponent subunit C                                                             |
| NCBI Official Synonym Full Names | complement component 1, q subcomponent, C chain                                                   |
| NCBI Official Symbol             | C1QC                                                                                              |
| NCBI Official Synonym Symbols    | C1QG; C1Q-C                                                                                       |
| NCBI Protein Information         | complement C1q subcomponent subunit C                                                             |
| UniProt Protein Name             | Complement C1q subcomponent subunit C                                                             |
| UniProt Gene Name                | <b>C1QC</b>                                                                                       |
| UniProt Synonym Gene Names       | C1QG                                                                                              |
| UniProt Entry Name               | C1QC_HUMAN                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/c1qc-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/286493>