

ARG58282 anti-C1QA antibody

Package: 100 µl
Store at: -20°C

Summary

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| Product Description | Rabbit Polyclonal antibody recognizes C1QA |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | C1QA |
| Species | Human |
| Immunogen | KLH-conjugated synthetic peptide corresponding to aa. 89-103 (Center) of Human C1QA. |
| Conjugation | Un-conjugated |
| Alternate Names | Complement C1q subcomponent subunit A |

Application Instructions

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| Application table | Application | Dilution |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Human blood plasma | |

Properties

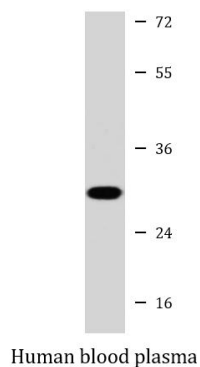
| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purification with Protein A and immunogen peptide. |
| Buffer | PBS and 0.09% (W/V) Sodium azide. |
| Preservative | 0.09% (W/V) Sodium azide. |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Gene Symbol | C1QA |
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| Gene Full Name | complement component 1, q subcomponent, A chain |
| Background | 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. Deficiency of 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 A-chain polypeptide of human complement subcomponent C1q. [provided by RefSeq, Jul 2008] |
| Function | C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes. [UniProt] |
| Calculated Mw | 26 kDa |
| PTM | O-linked glycans are assumed to be the Glc-Gal disaccharides typically found as secondary modifications of hydroxylated lysines in collagen-like domains. [UniProt] |
| Cellular Localization | Secreted. [UniProt] |

Images



ARG58282 anti-C1QA antibody WB image

Western blot: 35 µg of Human blood plasma lysate stained with ARG58282 anti-C1QA antibody at 1:1000 dilution.