

**C1QA Antibody**  
Rabbit mAb  
Catalog # AP93161

## Specification

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### C1QA Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">P02745</a>
Reactivity	Rat
Clonality	Monoclonal

#### Other Names

C1qa; Complement C1q subcomponent subunit A; Complement component 1 q subcomponent A chain; Complement component 1 q subcomponent alpha polypeptide;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	26017 Da

### C1QA Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human C1QA

Description	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.
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Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
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### C1QA Antibody - Protein Information

**Name** C1QA

#### 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.

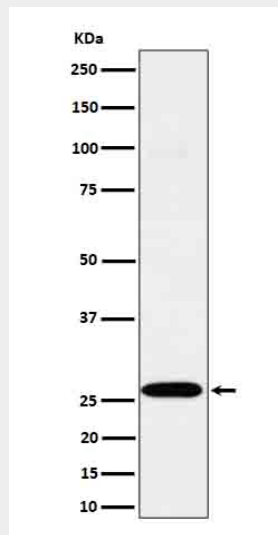
**Cellular Location**  
Secreted.

### **C1QA Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **C1QA Antibody - Images**



Western blot analysis of C1QA expression in C6 cell lysate.