

## Product Information

**Anti-C1QA**  
antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW20072F**

Formerly listed as GenWay Catalog Number 15-288-20072F,  
Complement C1q subcomponent subunit A Antibody.

Storage Temperature Store at -20 °C

Synonyms: Complement component 1, q subcomponent, A chain

### Product 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.

NCBI Accession number: NP\_057075.1

Swiss Prot Accession number: P02745

Gene Information: Human .. C1QA (712)

Immunogen: Recombinant protein Complement component 1, q subcomponent, A chain

Immunogen Sequence: GI # 7705753, sequence 1 - 245

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: ELISA, WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

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