

Product Datasheet

C1QA Antibody

Catalog No: CY5439

Reactivity: Human Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P02745

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

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 30kDa

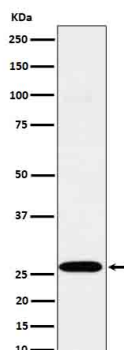
Application

WB 1:500~1:2000

IHC 1:50~1:200

Background

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.



Western blot analysis of C1QA expression in C6 cell lysate.

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