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Datasheet for ABIN1390675 anti-C1QC antibody (AA 81-180) (Biotin)



Overview

| Quantity: | 100 µL | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Target: | C1QC | |
| Binding Specificity: | AA 81-180 | |
| Reactivity: | Human, Mouse | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This C1QC antibody is conjugated to Biotin | |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) | |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human C1QC |
|-----------------------|----------------------------------------------------------|
| lsotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Horse,Rabbit |
| Purification: | Purified by Protein A. |
| Target Details | |
| Target: | C1QC |
| Alternative Name: | C1QC/C1QG (C1QC Products) |

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| Target Details | |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: C1Q C, C1qc, C1QC_HUMAN, C1QG, Complement C1q subcomponent subunit C, |
| | Complement component 1, q subcomponent, C chain, complement component 1, q |
| | subcomponent, gamma polypeptide, Al385742. |
| | Background: C1q, a subcomponent of the classical complement pathway, is composed of nine |
| | subunits that mediate classical complement activation and thereby play an important role in |
| | the immune response. Six of these subunits are disulfide-linked dimers of chains A and B, while |
| | three of these subunits, designated C1q-A through C1q-C, are disulfide-linked dimers of chain C. |
| | The presence of receptors for C1q on effector cells modulates its activity, which may be |
| | antibody-dependent or independent. Macrophages are the primary source of C1q, while anti- |
| | inflammatory drugs as well as cytokines differentially regulate expression of the mRNA, as well |
| | as the protein. However, its ability to modulate the interaction of platelets with collagen and |
| | immune complexes suggests C1q influences homeostasis as well as other immune activities, |
| | and perhaps thrombotic complications resulting from immune injury. Defects in C1q-A, C1q-B |
| | and C1q-C cause inactivation of the classical pathway, leading to a rare genetic disorder |
| | characterized by lupus-like symptoms. |
| Pathways: | Complement System |
| Application Details | |
| Application Notes: | WB 1:300-5000 |
| | IHC-P 1:200-400 |
| | IHC-F 1:100-500 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and |
| | 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| - | |

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 Storage Comment:
 Store at -20°C for 12 months.

Expiry Date:

12 months

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