

## Rabbit C1QB Polyclonal Antibody | anti-C1QB antibody

C1QB antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                  | APPLICATIONS |
|-----------|--------|-------------------------------------------------------------|--------------|
| AAA199420 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat | Western Blot |

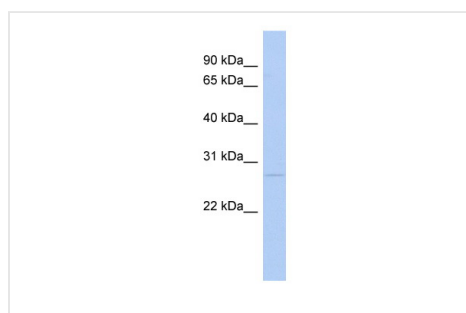
### PRODUCT SYNONYMS

C1QB; Polyclonal Antibody; C1QB antibody - middle region; anti-C1QB antibody

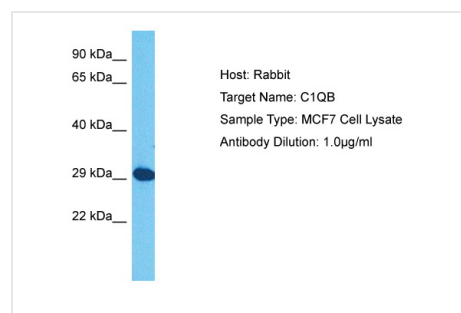
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat                                                                                           |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: PG PKGESGDYKA TQKIAFSATR TINVPLRRDQ TIRFDHVITN MNNYEPR                                                   |
| Sequence Length                                | 253                                                                                                                                                   |
| Applicable Applications for anti-C1QB antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 79%; Pig: 100%; Rabbit: 100%; Rat: 93%                                         |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human C1QB                                                                 |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-C1QB Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:62500  
Positive Control: Human Stomach


#### WB (Western Blot)

Host: Rabbit  
Target Name: C1QB  
Sample Tissue: Human MCF7 Whole Cell  
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-C1QB antibody | <p>This is a rabbit polyclonal antibody against C1QB. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target 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 Ca2+-dependent C1r2C1s2 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. 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 B-chain polypeptide of human complement subcomponent C1q. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Product Categories/Family for anti-C1QB antibody   | Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 87298828                              |
| NCBI GeneID                      | 713                                   |
| NCBI Accession #                 | NP_000482                             |
| NCBI GenBank Nucleotide #        | NM_000491                             |
| UniProt Accession #              | P02746                                |
| Molecular Weight                 | 27kDa                                 |
| NCBI Official Full Name          | complement C1q subcomponent subunit B |
| NCBI Official Synonym Full Names | complement C1q B chain                |
| NCBI Official Symbol             | C1QB                                  |
| NCBI Protein Information         | complement C1q subcomponent subunit B |
| UniProt Protein Name             | Complement C1q subcomponent subunit B |
| UniProt Gene Name                | C1QB                                  |
| UniProt Entry Name               | C1QB_HUMAN                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.