

## Rabbit anti-Human C8G Polyclonal Antibody | anti-C8G antibody

C8G Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA308448</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

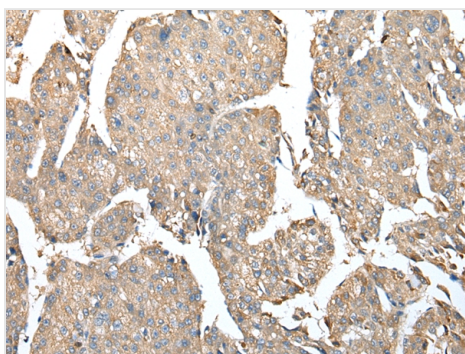
### PRODUCT SYNONYMS

C8G; Polyclonal Antibody; C8G Antibody; C8C; anti-C8G antibody

### PRODUCT SPECIFICATIONS

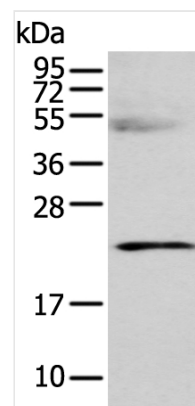
|                                               |                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------|
| Host                                          | Rabbit                                                          |
| Reactivity                                    | Human                                                           |
| Clonality                                     | Polyclonal                                                      |
| Specificity                                   | The antibody detects endogenous levels of total C8G protein.    |
| Purity/Purification                           | Antigen Affinity Purification                                   |
| Form/Format                                   | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                 | 1 mg/ml (varies by lot)                                         |
| Sequence Length                               | 202                                                             |
| Applicable Applications for anti-C8G antibody | IHC (Immunohistochemistry), WB (Western Blot)                   |
| Immunogen                                     | Full length fusion protein of human C8G                         |
| Immunogen Type                                | Protein                                                         |
| Preparation and Storage                       | Store at -20 degree C                                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/25,



#### WB (Western Blot)

Gel: 12%SDS-PAGE Lysate: 40 &amp;#956; g Lane: Human fetal liver tissue Primary antibody: 1/250 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 40 seconds

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-C8G antibody | The protein encoded by this gene belongs to the lipocalin family. It is one of the three subunits that constitutes complement component 8 (C8), which is composed of a disulfide-linked C8 alpha-gamma heterodimer and a non-covalently associated C8 beta chain. C8 participates in the formation of the membrane attack complex (MAC) on bacterial cell membranes. While subunits alpha and beta play a role in complement-mediated bacterial killing, the gamma subunit is not required for the bactericidal activity. |
| Product Categories/Family for anti-C8G antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 166197660                                 |
| NCBI GeneID                      | 733                                       |
| NCBI Accession #                 | NP_000597.2                               |
| NCBI GenBank Nucleotide #        | NM_000606.2                               |
| UniProt Accession #              | P07360; Q14CT8; Q14CU0; Q5SQ07            |
| Molecular Weight                 | 22,277 Da                                 |
| NCBI Official Full Name          | complement component C8 gamma chain       |
| NCBI Official Synonym Full Names | complement component 8, gamma polypeptide |
| NCBI Official Symbol             | C8G                                       |
| NCBI Official Synonym Symbols    | C8C                                       |
| NCBI Protein Information         | complement component C8 gamma chain       |
| UniProt Protein Name             | Complement component C8 gamma chain       |
| UniProt Gene Name                | C8G                                       |
| UniProt Entry Name               | CO8G_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.