

## Rabbit C3AR1 Polyclonal Antibody | anti-C3AR1 antibody

C3AR1

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS        |
|-----------|--------|-------------------|---------------------|
| AAA279545 | Rabbit | Human, Mouse, Rat | ELISA, Western Blot |

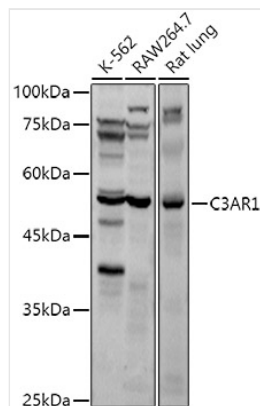
### PRODUCT SYNONYMS

C3AR1; Polyclonal Antibody; AZ3B; C3AR; HNFAG09; anti-C3AR1 antibody

### PRODUCT SPECIFICATIONS

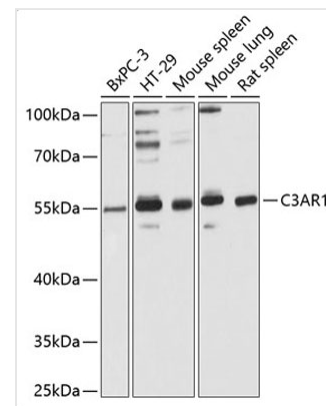
|                                                 |                                                   |
|-------------------------------------------------|---------------------------------------------------|
| Host                                            | Rabbit                                            |
| Reactivity                                      | Human, Mouse, Rat                                 |
| Clonality                                       | Polyclonal                                        |
| Isotype                                         | IgG                                               |
| Purity/Purification                             | Affinity Purification                             |
| Form/Format                                     | PBS with 0.09% sodium azide, 50% glycerol, pH 7.3 |
| Sequence Length                                 | 482                                               |
| Applicable Applications for anti-C3AR1 antibody | ELISA, WB (Western Blot)                          |
| Immunogen                                       | Recombinant protein (or fragment).                |
| Preparation and Storage                         | Store at 20°C. Avoid freeze/thaw cycles           |

### IMAGES



#### WB (Western Blot)

Western blot analysis of various lysates using C3AR1 Rabbit pAb (AAA279545) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using C3AR1 Antibody (AAA279545) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AAA279545) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-C3AR1 antibody | C3a is an anaphylatoxin released during activation of the complement system. The protein encoded by this gene is an orphan G protein-coupled receptor for C3a. Binding of C3a by the encoded receptor activates chemotaxis, granule enzyme release, superoxide anion production, and bacterial opsonization, |
| Product Categories/Family for anti-C3AR1 antibody   | Polyclonal                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| NCBI GI #                        | 37538305                                                                         |
| NCBI GeneID                      | 719                                                                              |
| UniProt Accession #              | Q16581; O43771; Q92868                                                           |
| Molecular Weight                 | Calculated Molecular Weight: 54 kDa<br>Observed Molecular Weight: 50 kDa         |
| NCBI Official Full Name          | C3a anaphylatoxin chemotactic receptor                                           |
| NCBI Official Synonym Full Names | complement component 3a receptor 1                                               |
| NCBI Official Symbol             | C3AR1                                                                            |
| NCBI Official Synonym Symbols    | AZ3B; C3AR; HNFAG09                                                              |
| NCBI Protein Information         | C3a anaphylatoxin chemotactic receptor; C3a-R; complement component 3 receptor 1 |
| UniProt Protein Name             | C3a anaphylatoxin chemotactic receptor                                           |
| UniProt Gene Name                | C3AR1                                                                            |
| UniProt Synonym Gene Names       | AZ3B; C3R1; HNFAG09; C3AR; C3a-R                                                 |
| UniProt Entry Name               | C3AR_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.