

## Rabbit anti-Human GCSF Receptor Polyclonal Antibody | anti-CSF3R antibody

Polyclonal Anti-CSF3R Antibody

|                              |                       |                            |                                     |
|------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA45498</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------|----------------------------|-------------------------------------|

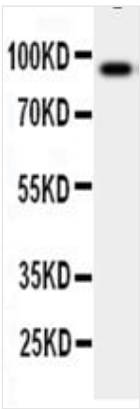
### PRODUCT SYNONYMS

GCSF Receptor; Polyclonal Antibody; Polyclonal Anti-CSF3R Antibody; Granulocyte colony-stimulating factor receptor; Colony stimulating factor 3 receptor(granulocyte); CD 114 antibody; CD114 antibody; CD114 antigen antibody; Colony stimulating factor 3 receptor(granulocyte) antibody; Colony stimulating factor 3 receptor antibody; CSF 3R antibody; CSF3R antibody; CSF3R\_HUMAN antibody; Csfgr antibody; G CSF R antibody; G-CSF receptor antibody; G-CSF-R antibody; GCSFR antibody; Granulocyte colony stimulating factor receptor antibody; Granulocyte colony stimulating factor receptor precursor antibody; Granulocyte colony-stimulating factor receptor antibody; OTTHUMP00000009703 antibody; OTTHUMP00000009704 antibody; OTTHUMP00000009705 antibody; anti-CSF3R antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                               |
| Reactivity                                      | Human                                                                                                                                                                                                |
| Clonality                                       | Polyclonal                                                                                                                                                                                           |
| Isotype                                         | IgG                                                                                                                                                                                                  |
| Specificity                                     | No cross reactivity with other proteins.                                                                                                                                                             |
| Purity/Purification                             | Immunogen affinity purified.                                                                                                                                                                         |
| Form/Format                                     | Lyophilized                                                                                                                                                                                          |
| Sequence Length                                 | 836                                                                                                                                                                                                  |
| Applicable Applications for anti-CSF3R antibody | WB (Western Blot)                                                                                                                                                                                    |
| Immunogen                                       | A synthetic peptide corresponding to a sequence in the middle region of human GCSF Receptor (254-271aa EPWQPGLHINQKCELRHK).                                                                          |
| Contents                                        | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.                                                                                                               |
| Reconstitution                                  | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                 |
| Preparation and Storage                         | At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing. |

IMAGES



WB (Western Blot)  
Anti-GCSF Receptor antibody, AAA45498, Western blottingWB: Human Placenta Tissue Lysate

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CSF3R antibody | <p><b>Description:</b> Rabbit IgG polyclonal antibody for Granulocyte colony-stimulating factor receptor(CSF3R) detection. Tested with WB in Human.</p> <p><b>Background:</b> CSF3R(Colony-Stimulating Factor 3 Receptor, Granulocyte) also known as GCSFR or CD114(Cluster of Differentiation 114) is a protein that in humans is encoded by the CSF3R gene. G-CSF-R is a cell-surface receptor for the granulocyte colony-stimulating factor(G-CSF). The G-CSF receptors belongs to a family of cytokine receptors known as the hematopoietin receptor family. The CSF3R gene consists of 17 exons. By in situ hybridization using human CSF3R cDNA as a probe, Inazawa et al.(1991) localized the gene to 1p35-p34.3. The G-CSF-R is a transmembrane receptor that consists of an extracellular ligand-binding portion, a transmembrane domain, and the cytoplasmic portion that is responsible for signal transduction. GCSF-R ligand-binding is associated with dimerization of the receptor and signal transduction through proteins including Jak, Lyn, STAT, and Erk1/2. Dong et al.(2001) reported that the C terminus of CSF3R is required for SHP1 downregulation of CSF3-induced STAT activation. The authors proposed that this mechanism inhibits cell proliferation and survival in response to CSF3.</p> |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 729564                                                                                 |
| NCBI GeneID                      | 1441                                                                                   |
| UniProt Accession #              | Q99062                                                                                 |
| NCBI Official Full Name          | Granulocyte colony-stimulating factor receptor                                         |
| NCBI Official Synonym Full Names | colony stimulating factor 3 receptor (granulocyte)                                     |
| NCBI Official Symbol             | CSF3R                                                                                  |
| NCBI Official Synonym Symbols    | CD114; GCSFR                                                                           |
| NCBI Protein Information         | granulocyte colony-stimulating factor receptor; G-CSF-R; CD114 antigen; G-CSF receptor |
| UniProt Protein Name             | Granulocyte colony-stimulating factor receptor                                         |
| UniProt Gene Name                | CSF3R                                                                                  |
| UniProt Synonym Gene Names       | GCSFR; G-CSF receptor; G-CSF-R                                                         |
| UniProt Entry Name               | CSF3R_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.

