

## Rabbit anti-Human Grancalcin Polyclonal Antibody | anti-GCA antibody

Anti-Grancalcin Antibody, Rabbit Polyclonal

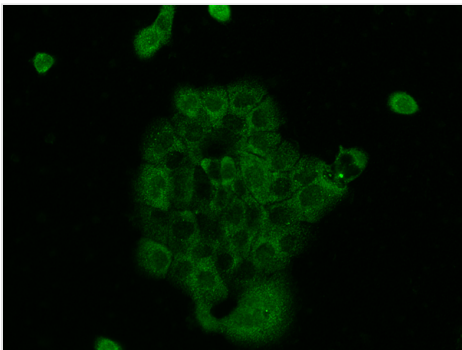
|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA259523</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunocytochemistry, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

Grancalcin; Polyclonal Antibody; Anti-Grancalcin Antibody; Rabbit Polyclonal; Grancalcin Antibody; Rabbit PAb; Antigen Affinity Purified; grancalcin; EF-hand calcium binding protein; Anti-GCL Antibody; anti-GCA antibody

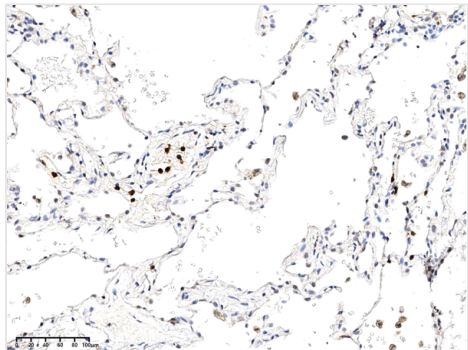
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity                                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                                       | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity                                   | Human Grancalcin                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                           | Protein A & Antigen Affinity                                                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                   | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                                                                                                                                                                                               |
| Applicable Applications for anti-GCA antibody | ICC (Immunocytochemistry), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                  |
| Immunogen                                     | E coli-derived Human Grancalcin fragment                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation                                   | Produced in rabbits immunized with E coli-derived Human Grancalcin fragment, and purified by antigen affinity chromatography.                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                       | <p>This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.</p> <p>This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.</p> |



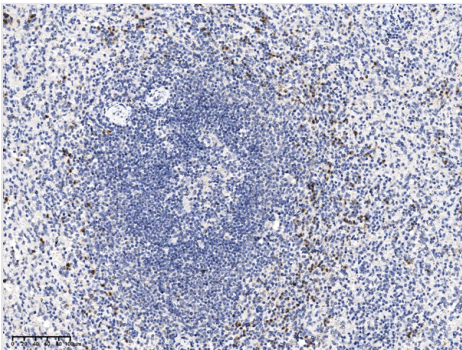
**IF (Immunofluorescence)**

Immunofluorescence staining of GCA in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human GCA polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Cytoplasm.



**IHC (Immunohistochemistry)**

Immunochemical staining of human Grancalcin in human lung with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



**IHC (Immunohistochemistry)**

Immunochemical staining of human Grancalcin in human spleen with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

**References**

Li. F. e. al. (2004). Characterizatio. o. murin. grancalci. specificall. expresse. i. leukocyte. an. it. possibl. rol. i. hos. defens. agains. bacteria. infection. Biosc. Biotechno. Biochem. 68(4). 894-902. Lolkik. K. e. al. (2001). Biochemica. characterizatio. o. th. penta-EF-han. protei. grancalci. an. identificatio. o. L-plasti. a. . bindin. partner. . Bio. Chem. 276(21). 17762-9. Ji. J. e. al. (2000). Crysta. structur. o. huma. grancalcin. . membe. o. th. penta-EF-han. protei. family. . Mo. Biol. 300(5). 1271-81. Teaha. CG. e. al. (1992). Isolatio. an. characterizatio. o. grancalcin. . nove. 2. kD. EF-han. calcium-bindin. protei. fro. huma. neutrophils. Bioche. J. 28. (P. 2). 549-54.

**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.