

## Rabbit anti-Human, Mouse GRN Polyclonal Antibody | anti-GRN antibody

GRN Rabbit Polyclonal Antibody

|                               |                       |                                   |                                                         |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA313301</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------|

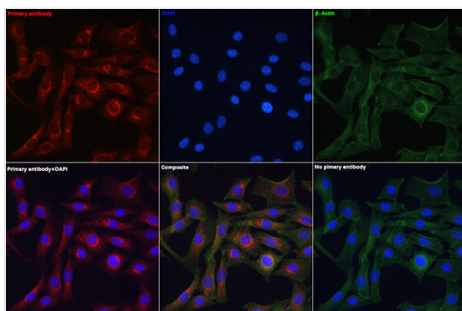
### PRODUCT SYNONYMS

GRN; Polyclonal Antibody; GRN Rabbit Polyclonal Antibody; CLN11; GEP; GP88; PCDGF; PEPI; PGRN; granulins; anti-GRN antibody

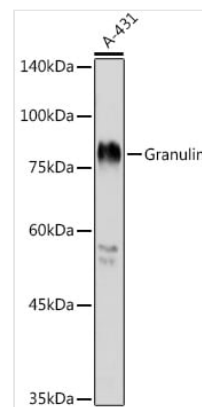
### PRODUCT SPECIFICATIONS

|                                               |                                                             |
|-----------------------------------------------|-------------------------------------------------------------|
| Host                                          | Rabbit                                                      |
| Reactivity                                    | Human, Mouse                                                |
| Clonality                                     | Polyclonal                                                  |
| Isotype                                       | IgG                                                         |
| Purity/Purification                           | Affinity purification                                       |
| Form/Format                                   | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.           |
| Applicable Applications for anti-GRN antibody | IF (Immunofluorescence), WB (Western Blot)                  |
| Immunogen                                     | Recombinant fusion protein of human Granulin (NP_002078.1). |
| Preparation and Storage                       | Store at -20 degree C. Avoid freeze/thaw cycles.            |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of NIH/3T3 cells using Granulin Rabbit pAb.


**WB (Western Blot)**

Western blot analysis of extracts of A-431 cells, using Granulin antibody.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GRN antibody | Granulins are a family of secreted, glycosylated peptides that are cleaved from a single precursor protein with 7.5 repeats of a highly conserved 12-cysteine granulin/epithelin motif. The 88 kDa precursor protein, progranulin, is also called proepithelin and PC cell-derived growth factor. Cleavage of the signal peptide produces mature granulin which can be further cleaved into a variety of active, 6 kDa peptides. These smaller cleavage products are named granulin A, granulin B, granulin C, etc. Epithelins 1 and 2 are synonymous with granulins A and B, respectively. Both the peptides and intact granulin protein regulate cell growth. However, different members of the granulin protein family may act as inhibitors, stimulators, or have dual actions on cell growth. Granulin family members are important in normal development, wound healing, and tumorigenesis. |
| Product Categories/Family for anti-GRN antibody   | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 183613                                                                                              |
| NCBI GeneID                      | 2896                                                                                                |
| UniProt Accession #              | P28799; P23781; P23782; P23783; P23784; Q53Y88; Q540U8; Q9BWE7; Q9UCH0; D3DX55                      |
| Molecular Weight                 | 63,544 Da                                                                                           |
| NCBI Official Full Name          | granulin                                                                                            |
| NCBI Official Synonym Full Names | granulin                                                                                            |
| NCBI Official Symbol             | GRN                                                                                                 |
| NCBI Official Synonym Symbols    | GEP; GP88; PEPI; PGRN; CLN11; PCDGF                                                                 |
| NCBI Protein Information         | granulins; acrogranin; progranulin; proepithelin; granulin-epithelin; PC cell-derived growth factor |
| UniProt Protein Name             | Granulins                                                                                           |
| UniProt Gene Name                | GRN                                                                                                 |
| UniProt Synonym Gene Names       | PEPI                                                                                                |
| UniProt Entry Name               | GRN_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grn-antibody-immunofluorescence-western-blot-elisa/313301>