

## Guinea Pig anti-Human GRN / Granulin Polyclonal Antibody | anti-GRN antibody

Anti-GRN / Granulin Antibody IHC-plus

|                               |                           |                            |                                                                  |
|-------------------------------|---------------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA162168</b> | HOST<br><b>Guinea Pig</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot, Immunohistochemistry</b> |
|-------------------------------|---------------------------|----------------------------|------------------------------------------------------------------|

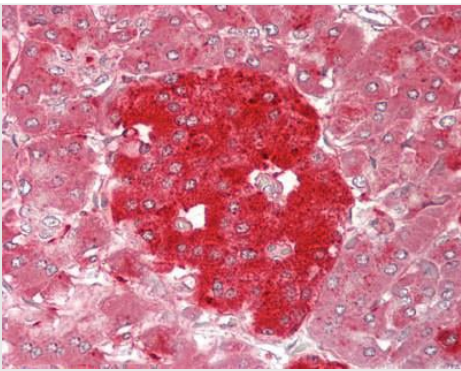
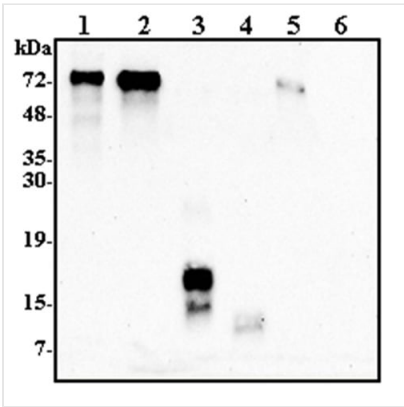
### PRODUCT SYNONYMS

GRN / Granulin; Polyclonal Antibody; Anti-GRN / Granulin Antibody IHC-plus; Guinea pig Polyclonal to Human GRN / Granulin; Human GRN / Granulin; Acrogranin; CLN11; Epithelin precursor; GEP; gp88; Granulin; Granulin-epithelin; Granulins; PC cell-derived growth factor; PCDGF; PEPI; PGRN; Proepithelin; Progranulin; anti-GRN antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                          |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Guinea Pig                                                                                                                                               |
| Reactivity                                    | Human                                                                                                                                                    |
| Clonality                                     | Polyclonal                                                                                                                                               |
| Specificity                                   | Recognizes human progranulin. Detects a band of ~90kDa by Western blot. Weakly cross-reacts with mouse progranulin. Cross-reacts with hGRN-C and hGRN-F. |
| Purity/Purification                           | Protein A purified                                                                                                                                       |
| Form/Format                                   | PBS, pH 7.4, no preservatives.                                                                                                                           |
| Concentration                                 | 1 mg/ml (varies by lot)                                                                                                                                  |
| Sequence Length                               | 593                                                                                                                                                      |
| Applicable Applications for anti-GRN antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                                                                                     |
| Immunogen                                     | GRN / Granulin antibody was raised against recombinant human progranulin.                                                                                |
| Immunogen Description                         | Recombinant human progranulin.                                                                                                                           |
| Immunogen Type                                | Recombinant protein                                                                                                                                      |
| Target Species                                | Human                                                                                                                                                    |
| Preparation and Storage                       | Long term: -20 degree C<br>Short term: 4 degree C<br>Avoid freeze-thaw cycles.                                                                           |

IMAGES



IHC (Immunohistochemistry)  
Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)

**WB (Western Blot)**  
Western blot analysis using anti-Progranulin (human), pAb at 1:2000 dilution. 1: Human Progranulin (DYKDDDDK-tagged) (50ng). 2: Human Progranulin (tag-free) (100ng). 3: Human Granulin C (DYKDDDDK-tagged) (50ng). 4: Human Granulin F (DYKDDDDK-tagged) (50ng). 5: Mouse Progranulin (DYKDDDDK-tagged) (50ng). 6: Unrelated Protein (DYKDDDDK-tagged).

ADDITIONAL INFORMATION

Related Product Information for anti-GRN antibody

GRN Antibody, Acrogranin Antibody, CLN11 Antibody, Epithelin precursor Antibody, GEP Antibody, gp88 Antibody, Granulin Antibody, Granulin-epithelin Antibody, Granulins Antibody, PC cell-derived growth factor Antibody, PCDGF Antibody, PEPI Antibody, PGRN Antibody, Proepithelin Antibody, Progranulin Antibody Description: 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.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504151                                                                                        |
| NCBI GeneID                      | 2896                                                                                           |
| NCBI Accession #                 | NP_002078.1                                                                                    |
| NCBI GenBank Nucleotide #        | NM_002087.3                                                                                    |
| UniProt Accession #              | P28799; P23781; P23782; P23783; P23784; Q53HQ8; Q53Y88; Q540U8; Q9BWE7; Q9H8S1; Q9UCH0; D3DX55 |
| Molecular Weight                 | 44,132 Da                                                                                      |
| NCBI Official Full Name          | granulins                                                                                      |
| NCBI Official Synonym Full Names | granulin                                                                                       |
| NCBI Official Symbol             | GRN                                                                                            |
| NCBI Official Synonym Symbols    | GEP; GP88; PEPI; PGRN; CLN11; PCDGF                                                            |
| NCBI Protein Information         | granulins                                                                                      |
| UniProt Protein Name             | Granulins                                                                                      |
| UniProt Gene Name                | GRN                                                                                            |
| UniProt Synonym Gene Names       | PEPI; GP88; Glycoprotein 88                                                                    |
| 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://www.aaabiotech.com/polyclonal/grn-granulin-antibody-western-blot-immunohistochemistry-elisa/162168>