

# Granulin Rabbit mAb

Catalog No.: A20806 **Recombinant** **1 Publications**

## Basic Information

**Observed MW**

65-75kDa

**Calculated MW**

64kDa

**Category**

Primary antibody

**Applications**

ELISA,WB

**Cross-Reactivity**

Human

**CloneNo number**

ARC51125

## Background

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.

## Recommended Dilutions

**WB** 1:500 - 1:2000

## Immunogen Information

**Gene ID**

2896

**Swiss Prot**

P28799

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 20-200 of human Granulin (NP\_002078.1).

**Synonyms**

GEP; GP88; PEPI; PGRN; CLN11; PCDGF; Granulin

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.