

Rabbit anti-Human Granulin Monoclonal Antibody | anti-GRN antibody

Granulin Rabbit mAb

CATALOG # AAA283003	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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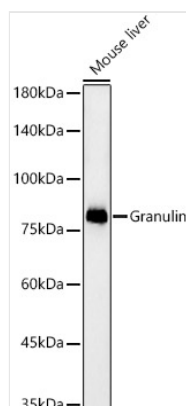
PRODUCT SYNONYMS

Granulin; Monoclonal Antibody; Granulin Rabbit mAb; GEP; GP88; PEPI; PGRN; CLN11; PCDGF; anti-GRN antibody

PRODUCT SPECIFICATIONS

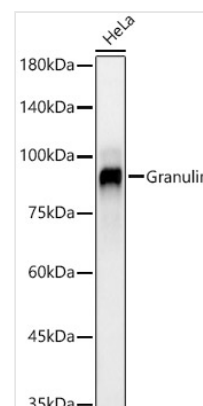
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SCEKEVVSQA PATFLARSPH VGVKDVECGE GHFCHDNQTC CRDNRQGWAC CPYRQGVCCA DRRHCCPAGF RCAARGTKCL RREAPRWDAP LRDPALRQLL
Applicable Applications for anti-GRN antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 494-593 of human Granulin (NP_002078.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Mouse liver, using Granulin Rabbit mAb (AAA283003) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using Granulin Rabbit mAb (AAA283003) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

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	Epigenetics Nuclear Signaling; RNA Binding; Cancer; Signal Transduction; Cell Biology Developmental Biology; Growth factors; Immunology Inflammation; Cytokines; Neuroscience; Neurodegenerative Diseases; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	183613
NCBI GeneID	2896
UniProt Accession #	P28799; P23781; P23782; P23783; P23784; Q53Y88; Q540U8; Q9BWE7; Q9UCH0; D3DX55
Molecular Weight	Calculated MW: 64kDa Observed MW: 75-88kDa
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/monoclonal/granulin-antibody-western-blot-elisa/283003>