

产品名称: Granulin (18Q13) Rabbit Monoclonal Antibody
产品货号: AMRe11737



产品概述 (Summary)

产品名称 (Production Name)	Granulin (18Q13) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP,IF-P
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GRN
别名 (Alternative Names)	Acrogranin; CLN11; GEP; GP88; Granulins; GRN; PCDGF; PEPI; PGRN; Proepithelin; Progranulin;
基因 ID (Gene ID)	2896.0
蛋白 ID (SwissProt ID)	P28799.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,IP 1:50-1:100,IF-P 1:200-1:1000
蛋白分子量 (Molecular Weight)	64kDa

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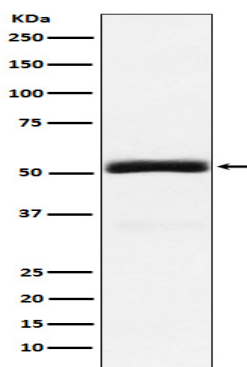
研究背景 (Background)

Granulins have possible cytokine-like activity. They may play a role in inflammation, wound repair, and tissue remodeling. Secreted protein that acts as a key regulator of lysosomal function and as a growth factor involved in inflammation, wound healing and cell proliferation (PubMed: [28541286](http://www.uniprot.org/citations/28541286), PubMed: [28073925](http://www.uniprot.org/citations/28073925), PubMed: [18378771](http://www.uniprot.org/citations/18378771), PubMed: [28453791](http://www.uniprot.org/citations/28453791), PubMed: [12526812](http://www.uniprot.org/citations/12526812)). Regulates protein trafficking to lysosomes and, also the activity of lysosomal enzymes (PubMed: [28453791](http://www.uniprot.org/citations/28453791), PubMed: [28541286](http://www.uniprot.org/citations/28541286)). Facilitates also the acidification of lysosomes, causing degradation of mature CTSD by CTSB (PubMed: [28073925](http://www.uniprot.org/citations/28073925)). In addition, functions as wound-related growth factor that acts directly on dermal fibroblasts and endothelial cells to promote division, migration and the formation of capillary-like tubule structures (By similarity). Also promotes epithelial cell proliferation by blocking TNF-mediated neutrophil activation preventing release of oxidants and proteases (PubMed: [12526812](http://www.uniprot.org/citations/12526812)). Moreover, modulates inflammation in neurons by preserving neurons survival, axonal outgrowth and neuronal integrity (PubMed: [18378771](http://www.uniprot.org/citations/18378771)).

研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Western blot analysis of Granulin expression in 293T cell lysate.

注意事项 (Note)

For research use only .