

Acrogranin Rabbit Polyclonal Antibody

Catalog# UZ-PA01205

Product information

产品货号	UZ-PA01205
别名	Granulins (Proepithelin;PEPI) [Cleaved into: Acrogranin; Paragranulin; Granulin-1 (Granulin G); Granulin-2 (Granulin F); Granulin-3 (Granulin B); Granulin-4 (Granulin A); Granulin-5 (Granulin C); Granulin-6 (Granulin D); Granulin-7 (Granulin E)]
产品名称	Acrogranin Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	GRN
推荐应用	WB,ELISA
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	2896
Human Swissprot No.	P28799
免疫原	Synthesized peptide derived from human Acrogranin AA range: 541-590
稀释度	WB 1:1000-2000, ELISA 1:5000-20000
参考分子量	65kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	disease:Defects in GRN are the cause of ubiquitin-positive frontotemporal dementia (UP-FTD) [MIM:607485]; also known as tau-negative frontotemporal dementia linked to chromosome 17. Frontotemporal dementia (FTD) is the second most common cause of dementia in people under the age of 65 years. It is an autosomal dominant neurodegenerative disease.,function:Granulin-4 promotes proliferation of the epithelial cell line A431 in culture while granulin-3 acts as an antagonist to granulin-4, inhibiting the growth.,function:Granulins have possible cytokine-like activity. They may play a role in inflammation, wound repair, and tissue remodeling.,PTM:Granulins are disulfide bridged.,similarity:Belongs to the granulin family.,tissue specificity:In myelogenous leukemic cell lines of promonocytic, promyelocytic, and proerythroid lineage, in fibroblasts, and very strongly in epithelial cell lines. Present in inflammatory cells and bone marrow. Highest levels in kidney.,
细胞定位	Secreted . Lysosome . Endocytosed by SORT1 and delivered to lysosomes (PubMed:21092856, PubMed:28073925). Targeted to lysosome by PSAP via M6PR and LRP1, in both biosynthetic and endocytic pathways (PubMed:26370502, PubMed:28073925). Co-localized with GBA in the intracellular trafficking compartments until to lysosome (By similarity). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal