

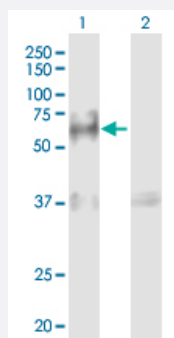
MaxPab®

GRN MaxPab mouse polyclonal antibody (B01)

Catalog # H00002896-B01

Size 50 uL

Applications

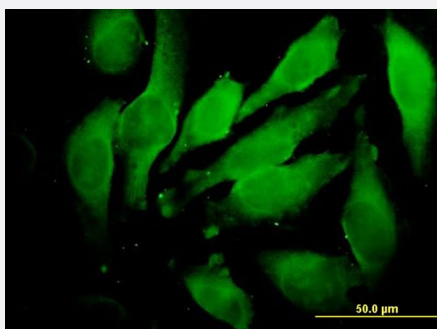


Western Blot (Transfected lysate)

Western Blot analysis of GRN expression in transfected 293T cell line ([H00002896-T01](#)) by GRN MaxPab polyclonal antibody.

Lane 1: GRN transfected lysate(65.23 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GRN on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GRN protein.

Immunogen

GRN (NP_002078, 1 a.a. ~ 593 a.a) full-length human protein.

Sequence	MWTLVSWVALTAGLVAGTRCPDGGQFCPVACCLDPGGASYSCCRPLLDKWPTTLRHLGGPCQ VDAHCSAGHSCIFTVSGTSSCCPFPEAVACGDGHHCCPRGFHCSADGRSCFQRSGNNSVGAIQ CPDSQFECPDFSTCCVMVDGSWGCCPMPQASCCEDRVHCCPHGAFCDLVHTRCITPTGTHPL AKKLPAQRTNRAVALSSSVMCPDARSRCPDGSTCCELPSGKYGCCPMPNATCCSDHLHCCPQ DTVCDLIQSKCLSKENATDILLTKLPAHTVGDVKCDMEVSCPDGYTCCRLQSGAWGCCPFTQA VCCEDHIHCCPAGFTCDTQKGTCEQGPHQVPWMEKAPAHLSLPDPQALKRDVPCDNVSSCPS SDTCCQLTSGEWGCCPIPEAVCCSDHQHCCPQGYTCVAEGQCQRGSEIVAGLEKMPARRASLS HPRDIGCDQHTSCPVGQTCCPSLGGSWACCQLPHAVCCEDRQHCCPAGYTCNVKARSCEKEV VSAQPATFLARSPHVGKDVCEGEGHFCHDNQTCCRDNRQGWACCPYRQGVCCADRRHCCP AGFRCAARGTKCLRREAPRWDAPLRDPALRQLL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (75)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — GRN

Entrez GeneID	2896
GeneBank Accession#	NM_002087
Protein Accession#	NP_002078

Gene Name	GRN
Gene Alias	GEP, GP88, PCDGF, PEPI, PGRN
Gene Description	granulin
Omim ID	138945 607485
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	PC cell-derived growth factor acrogranin granulin-epithelin proepithelin progranulin

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