

Rabbit GRN Polyclonal Antibody | anti-GRN antibody

GRN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327374	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

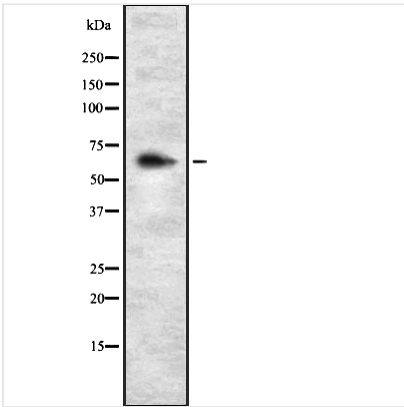
PRODUCT SYNONYMS

GRN; Polyclonal Antibody; GRN Antibody; Acrogranin; CLN11; GEP; GP88; Granulin A; Granulin B; Granulin C; Granulin D; Granulin E; Granulin epithelin; Granulin F; Granulin G; Granulin-7; Granulins; GRN_HUMAN; PC cell derived growth factor; PCDGF; PEPI; PGRN; Proepithelin; Progranulin; anti-GRN antibody

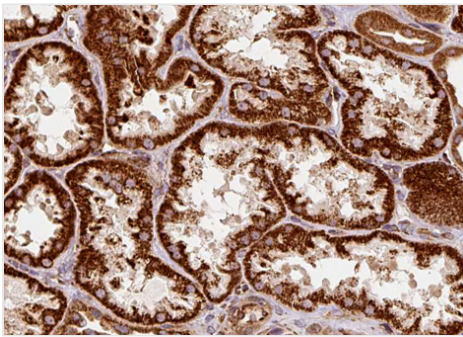
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GRN antibody detects endogenous levels of total GRN
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	593
Applicable Applications for anti-GRN antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GRN
Subcellular Location	Secreted.
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.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of GRN using COS7 whole lysates.



IHC (Immunohistochemistry)
AAA327374 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-GRN antibody	Function: Granulins have possible cytokine-like activity. They may play a role in inflammation, wound repair, and tissue remodeling. Subunit Structure: Acrogranin/Progranulin is secreted as a homodimer. Post-translational Modifications: Granulins are disulfide bridged. Similarity: Belongs to the granulin family.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504151
NCBI GeneID	2896
NCBI Accession #	NP_002078.1
NCBI GenBank Nucleotide #	NM_002087.3
UniProt Accession #	P28799; P23781; P23782; P23783; P23784; Q53HQ8; Q53Y88; Q540U8; Q9BWE7; Q9H8S1; Q9UCH0; D3DX55
Molecular Weight	Observed: 64 kDa Predicted: 64 kDa
NCBI Official Full Name	granulins
NCBI Official Synonym Full Names	granulin precursor
NCBI Official Symbol	GRN
NCBI Official Synonym Symbols	GEP; GP88; PEPI; PGRN; CLN11; PCDGF
NCBI Protein Information	granulins
UniProt Protein Name	Granulins
UniProt Gene Name	GRN
UniProt Synonym Gene Names	PEPI; GP88; Glycoprotein 88

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.