

Datasheet for ABIN396952  
**anti-Granulin antibody (C-Term)**

## 2 Images

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## Overview

Quantity:	50 µg
Target:	Granulin (GRN)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Granulin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide derived from the C-terminal region of human PCDGF (PC cell-derived growth factor, GP88, acrogranin, granulin precursor, epithelin precursor, or progranulin).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes human PCDGF protein at ~64-88kD.
Purification:	Immunoaffinity purified

## Target Details

Target:	Granulin (GRN)
Alternative Name:	GRN / Progranulin / Granulin ( <a href="#">GRN Products</a> )
Target Type:	Viral Protein
Background:	Name/Gene ID: GRN Family: Hormone  Synonyms: GRN, Acrogranin, CLN11, Epithelin precursor, GEP, gp88, Granulin, Granulin-epithelin, Granulins, PC cell-derived growth factor, PCDGF, PEPI, PGRN, Proepithelin, Progranulin
Gene ID:	2896
UniProt:	<a href="#">P28799</a>

## Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), IP, WB (1 - 3 µg/mL)  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Positive control: Human MDA-MB-231 breast adenocarcinoma, PC-3 prostate adenocarcinoma (bone metastatic site), HeLa cervical carcinoma, and HT1080 fibrosarcoma lysates.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

## Handling

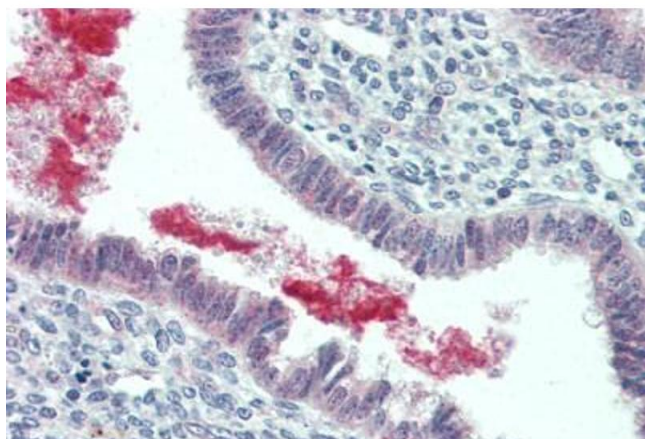
should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

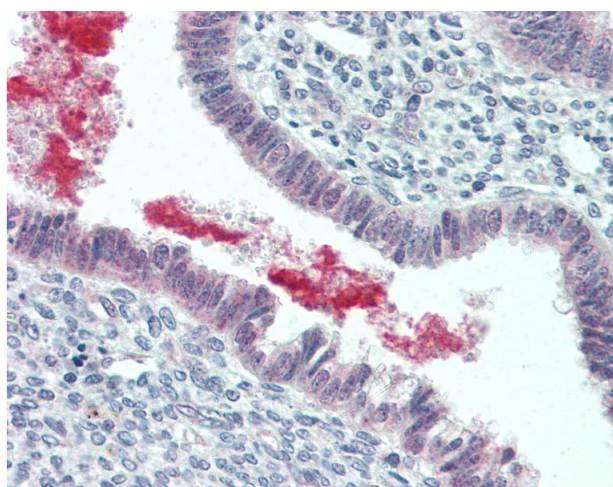
Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Uterus (formalin-fixed, paraffin-embedded) stained with GRN antibody ABIN396952 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry

**Image 2.** Anti-GRN / Granulin antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.