

## Chromogranin A (PT0092R) PT™ Rabbit mAb

CatalogNo: YM8054 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, IP, ELISA

#### MW

- 51kD (Calculated)
- 80kD (Observed)

#### Isotype

- IgG, Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

### Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

### Basic Information

**Clonality** Monoclonal

**Clone Number** PT0092R

### Immunogen Information

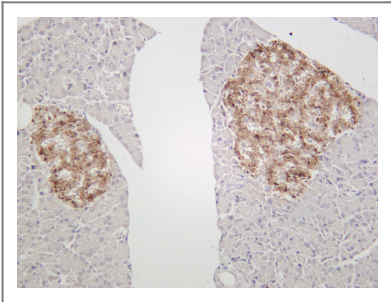
**Sequence** beta Granin; betagranin (N-terminal fragment of chromogranin A); catestatin; CgA; CHG A; Chga; chromofungin; Chromogranin A; Chromogranin A parathyroid secretory protein 1; Chromogranin A precursor; Chromogranin A; CMGA\_HUMAN; ER-37; Pancreastatin; Parastatin; Parathyroid secretory protein 1; Pituitary secretory protein I; Secretory protein I; SP I; SP-I; SP1; SPI; vasostatin 2; Vasostatin; Vasostatin I; Vasostatin II; vasostatin-2

Specificity      Endogenous

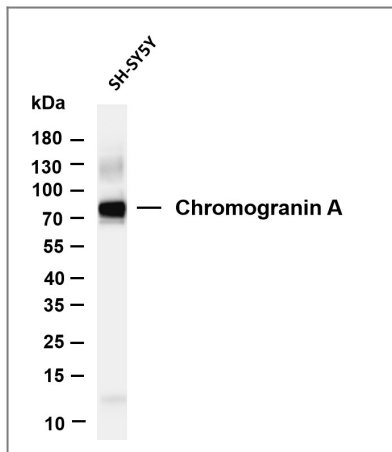
| Target Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                          |                         |                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------|
| Gene name             | CHGA                                                                                                                                                                                                                                                                                                                                                                                                                     |                         |                          |
| Protein Name          | beta Granin;betagranin (N-terminal fragment of chromogranin A);catestatin;CgA;CHG A;Chga;chromofungin;Chromogranin A;Chromogranin A parathyroid secretory protein 1;Chromogranin A precursor;ChromograninA;CMGA_HUMAN;ER-37;Pancreastatin;Parastatin;Parathyroid secretory protein 1;Pituitary secretory protein I;Secretory protein I;SP I;SP-I;SP1;SPI;vasostatin 2;Vasostatin;Vasostatin I;Vasostatin II;vasostatin-2 |                         |                          |
|                       | Organism                                                                                                                                                                                                                                                                                                                                                                                                                 | Gene ID                 | UniProt ID               |
|                       | Human                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">1113</a> ;  | <a href="#">P10645</a> ; |
|                       | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">12652</a> ; | <a href="#">P26339</a> ; |
|                       | Rat                                                                                                                                                                                                                                                                                                                                                                                                                      |                         | <a href="#">P10354</a> ; |
| Cellular Localization | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |                          |
| Tissue specificity    | Pancreas/ stomach                                                                                                                                                                                                                                                                                                                                                                                                        |                         |                          |
| Function              | Function:Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.,miscellaneous:Binds calcium with a low-affinity.,PTM:Sulfated on tyrosine residues and/or contains sulfated glycans.,similarity:Belongs to the chromogranin/secretogranin protein family.,subcellular location:Neuroendocrine and endocrine secretory granules.,                                                             |                         |                          |

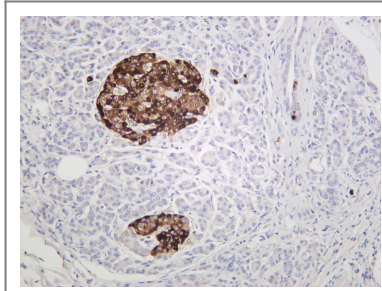
| Validation Data



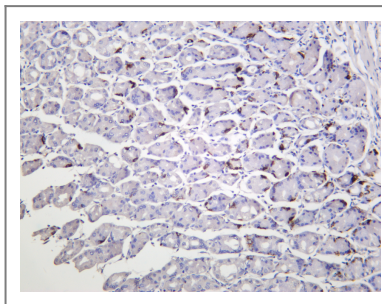
Rat pancreas was stained with anti-Chromogranin A rabbit antibody



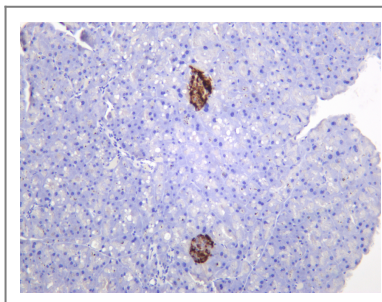
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Chromogranin A antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: SH-SY5Y Predicted band size: 51kDa Observed band size: 80kDa



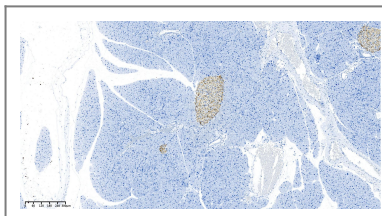
Human pancreas was stained with anti-Chromogranin A rabbit antibody



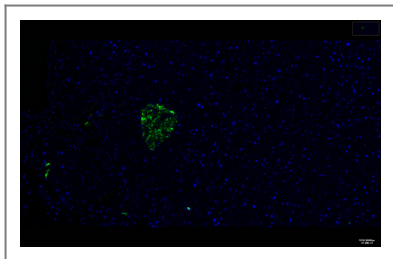
Human stomach was stained with anti-Chromogranin A rabbit antibody



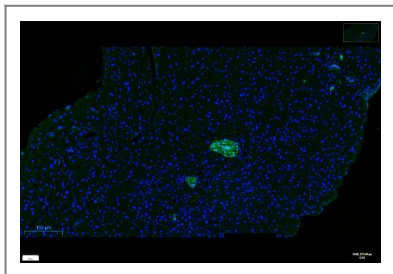
Mouse pancreas was stained with anti-Chromogranin A rabbit antibody



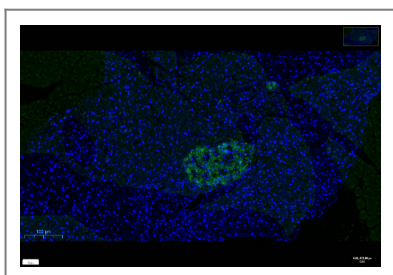
Mouse pancreas was stained with anti-Chromogranin A Rabbit antibody



Mouse pancreas was stained with anti-Chromogranin A Rabbit antibody



Mouse pancreas was stained with anti-Chromogranin A rabbit antibody



Rat pancreas was stained with anti-Chromogranin A rabbit antibody

## | Contact information

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Please scan the QR code  
to access additional  
product information:  
**Chromogranin A**  
**(PT0092R) PT™**  
**Rabbit mAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

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