

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

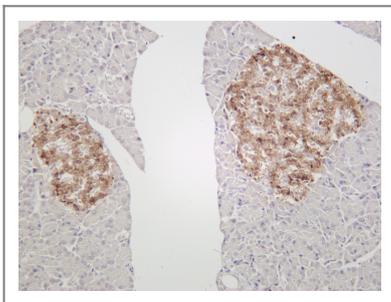
Organism	Gene ID	UniProt ID
Human	1113 ;	P10645 ;
Mouse	12652 ;	P26339 ;
Rat		P10354 ;

Cellular Localization Secreted

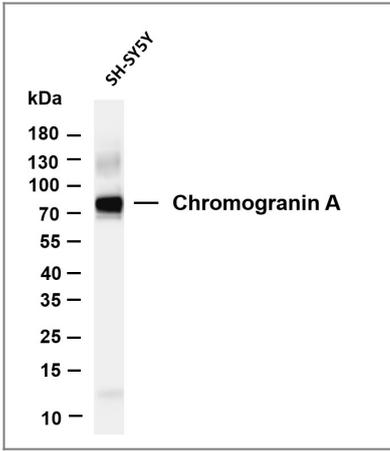
Tissue specificity Pancreas/ stomach

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.,

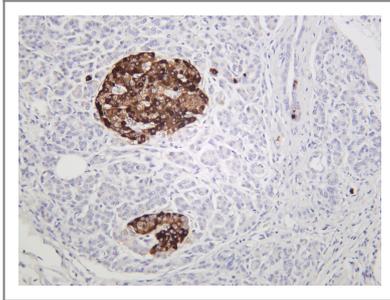
| Validation Data



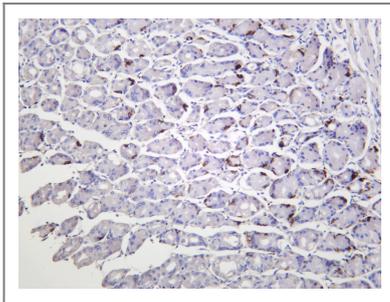
Rat pancreas was stained with anti-Chromogranin A rabbit antibody



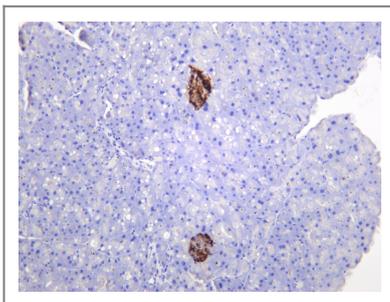
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Chromogranin A antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: SH-SY5Y Predicted band size: 51kDa Observed band size: 80kDa



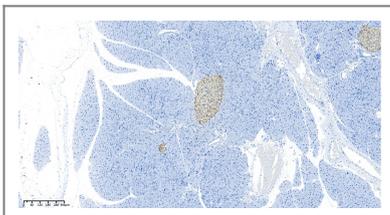
Human pancreas was stained with anti-Chromogranin A rabbit antibody



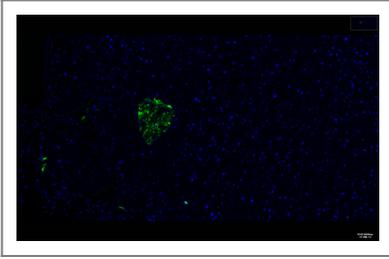
Human stomach was stained with anti-Chromogranin A rabbit antibody



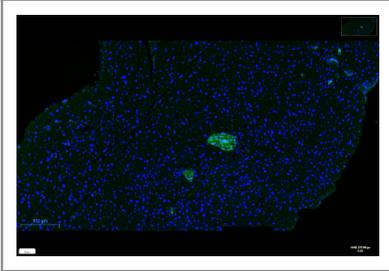
Mouse pancreas was stained with anti-Chromogranin A rabbit antibody



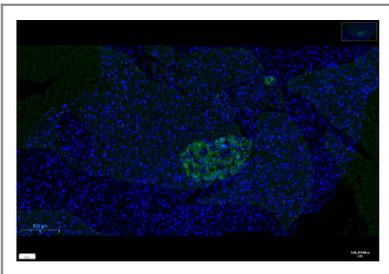
Mouse pancreas was stained with anti-Chromogranin A Rabbit antibody



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

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