

A Reliable Research Partner in Life Science and Medicine

# **Recombinant Chromogranin A Monoclonal Antibody**

catalog number: AN300989L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Chromogranin A protein

HostRabbitIsotype $IgG,\kappa$ CloneB740PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

# Applications Recommended Dilution

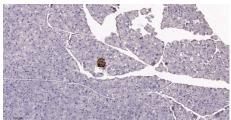
IHC 1:200-1:1000 WB 1:1000-1:5000

#### Data

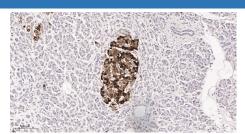
KDa 2000-1400-1000-700-550-400-350-250-200-150-100-

Western Blot with Recombinant Chromogranin A Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: SH-SY5Y cells.

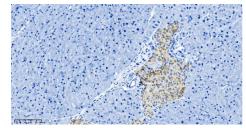
Observed-MW:80 kDa Calculated-MW:51 kDa



Immunohistochemistry of paraffin-embedded mouse pancreas tissue using Recombinant Chromogranin A Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human pancreas tissue using Recombinant Chromogranin A Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded mouse pancreas using Recombinant Chromogranin A Monoclonal Antibody at dilution of 1:200.

Rev. V1.1

# **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **Background**

# For Research Use Only

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# **Elabscience®**

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The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene.

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