

## Recombinant Chromogranin A Monoclonal Antibody

catalog number: **AN300989L**

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

### Description

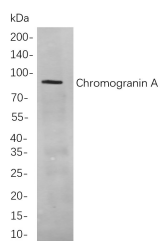
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human Chromogranin A protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	11B4
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

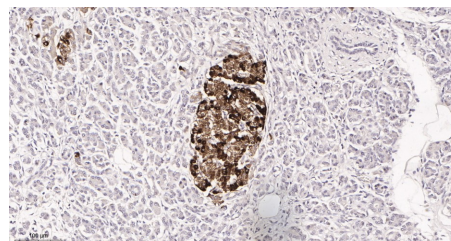
<b>IHC</b>	1:200-1:1000
<b>WB</b>	1:1000-1:5000

### Data

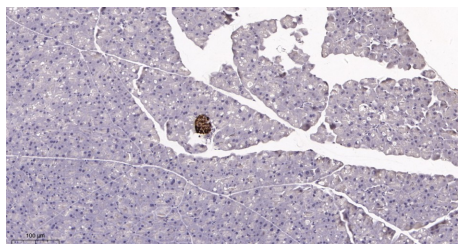


Western Blot with Recombinant Chromogranin A Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: SH-SY5Y cells.

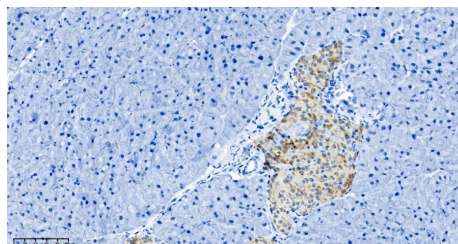
**Observed-MW:80 kDa**  
**Calculated-MW:51 kDa**



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



Immunohistochemistry of paraffin-embedded mouse 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.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

### For Research Use Only

Toll-free: 1-888-852-8623  
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Rev. V1.0

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.