

Datasheet for ABIN7193659  
**anti-Chromogranin A antibody (AA 278-457)**

## 6 Images

[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	Chromogranin A (CHGA)
Binding Specificity:	AA 278-457
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), ELISA

## Product Details

Immunogen:	Purified recombinant fragment of human CHGA (AA: 278-457) expressed in E. coli.
Clone:	5H10B12
Isotype:	IgG2b
Purification:	purified

## Target Details

Target:	Chromogranin A (CHGA)
Alternative Name:	CHGA ( <a href="#">CHGA Products</a> )
Background:	Description: 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

## Target Details

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.

Aliases: CGA

Molecular Weight: 50 kDa

Gene ID: 1113

Pathways: [Negative Regulation of Hormone Secretion](#), [cAMP Metabolic Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

Application Notes: WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

## Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

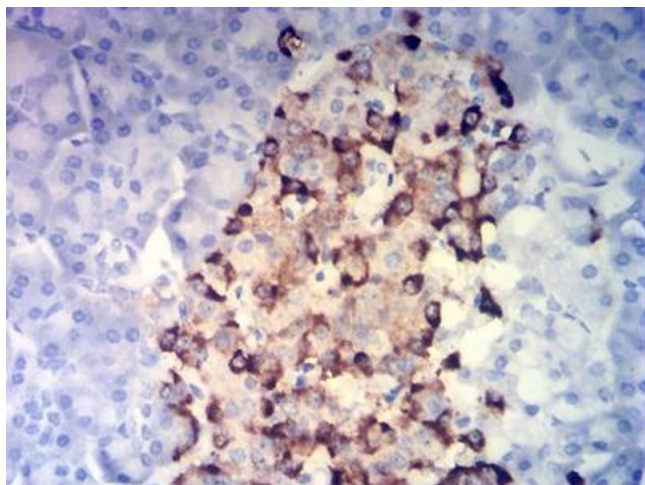
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

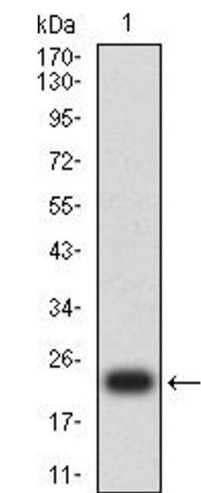
Storage Comment: 4°C, -20°C for long term storage

## Images



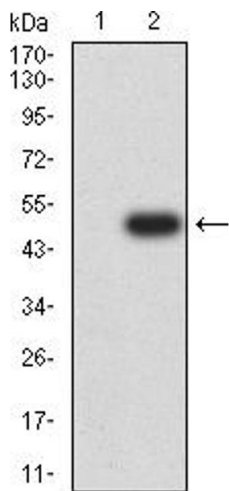
### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of paraffin-embedded pancreatic tissues using CHGA mouse mAb with DAB staining.



#### Western Blotting

**Image 2.** Western blot analysis using CHGA mAb against human CHGA (AA: 278-457) recombinant protein. (Expected MW is 23 kDa)



#### Western Blotting

**Image 3.** Western blot analysis using CHGA mAb against HEK293-6e (1) and CHGA (AA: 278-457)-hlgGFc transfected HEK293-6e (2) cell lysate.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7193659.