

Datasheet for ABIN6939121
anti-Chromogranin A antibody

4 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Chromogranin A (CHGA)
Reactivity:	Human, Rat, Mouse, Monkey, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Chromogranin A antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human chromogranin A protein
Clone:	CGA-413-CHGA-777-CHGA-798
Isotype:	IgG2b kappa
Specificity:	<p>Chromogranin A is present in neuroendocrine cells throughout the body, including the neuroendocrine cells of the large and small intestine, adrenal medulla and pancreatic islets. It is an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors. Co-expression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms. Reportedly, co-expression of certain keratins and chromogranin indicates neuroendocrine lineage. The presence of strong anti-chromogranin staining and absence of anti-keratin staining should raise the possibility of paraganglioma. The co-expression of chromogranin and NSE is typical of neuroendocrine neoplasms. Most pituitary adenomas and prolactinomas readily express chromogranin.</p>

Product Details

Purification: Purified by Protein A/G

Target Details

Target: Chromogranin A (CHGA)

Alternative Name: CHGA ([CHGA Products](#))

Molecular Weight: 68-75kDa

Gene ID: 1113

UniProt: [P10645](#)

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

Application Details

Application Notes: Positive Control: PC12 cells. Adrenal gland, bowel, thyroid, pancreas or pheochromocytoma.
Known Application: Immunohistochemistry (Formalin-fixed) (0.25-0.5 µg/mL for 30 minutes at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

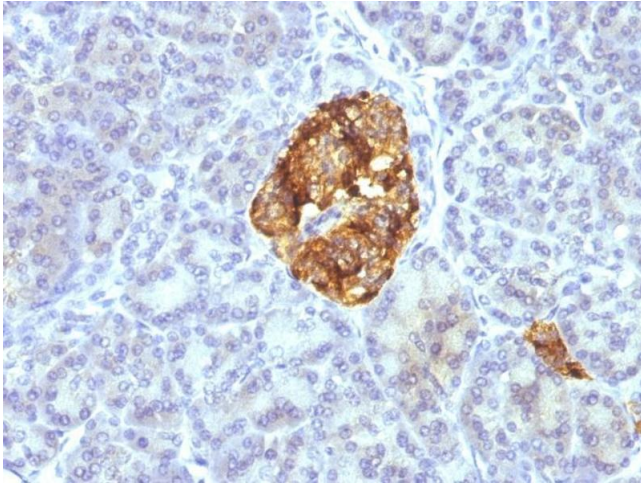
Preservative: Sodium azide

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

Storage: 4 °C,-80 °C

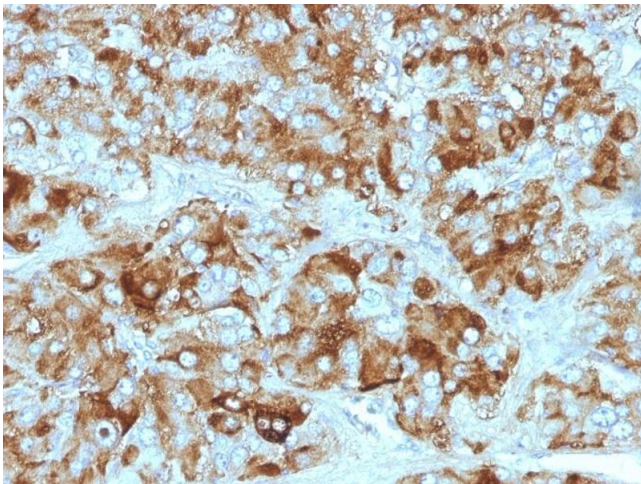
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



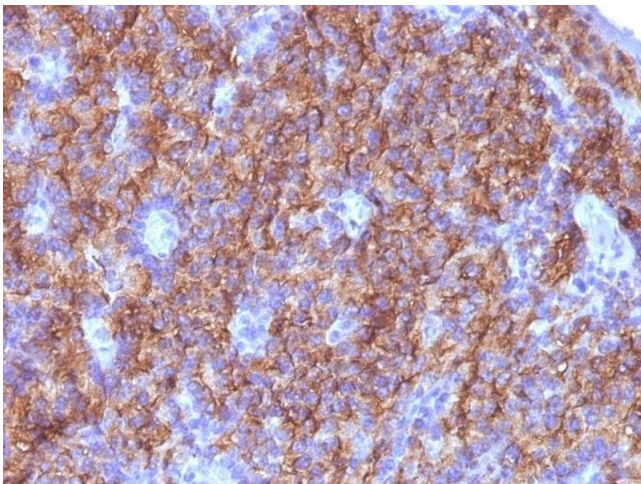
Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded Pancreas stained with Chromogranin A Monoclonal Antibody (CGA/413+ CHGA/777+ CHGA/798)



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded Adrenal Gland stained with Chromogranin A Monoclonal Antibody (CGA/413+ CHGA/777+ CHGA/798)



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded Parathyroid stained with Chromogranin A Monoclonal Antibody (CGA/413+ CHGA/777+ CHGA/798)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6939121.