

Datasheet for ABIN7477423

Recombinant anti-Chromogranin A antibody



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3 Images

Overview

Quantity:	1 mL
Target:	Chromogranin A (CHGA)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Chromogranin A antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant full-length human chromogranin A protein
Clone:	MSVA-380R
Isotype:	IgG

Target Details

Target:	Chromogranin A (CHGA)
Alternative Name:	Chromogranin A (CHGA Products)
Background:	Beta-Granin, CGA, CHGA, Chromogranin A Parathyroid Secretory Protein 1, ER-37, Pancreastatin, Parastatin, Parathyroid Secretory Protein 1, Pituitary Secretory Protein I, SP-I, Vasostatin I or II, Chromogranin A antibody validated for immunohistochemistry on 76 different Normal Tissues

Target Details

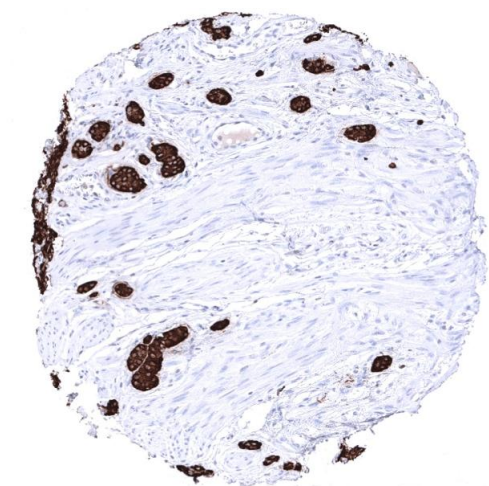
UniProt:	P10645
Pathways:	Negative Regulation of Hormone Secretion , cAMP Metabolic Process , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	IHC 1:100-1:200
Comment:	<p>Positive Control: Appendix: An at least weak to moderate staining must be seen in the axons and ganglion cells of the peripheral nerves while mucosal neuroendocrine cells exhibit a strong staining (neuroendocrine cells are not sufficient as positive controls because they express CGA so strongly, that even inefficient staining will detect its expression)</p> <p>Negative Control: Appendix: Epithelial and smooth muscle cells should be negative.</p>
Protocol:	<p>Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.</p>
Restrictions:	For Research Use only

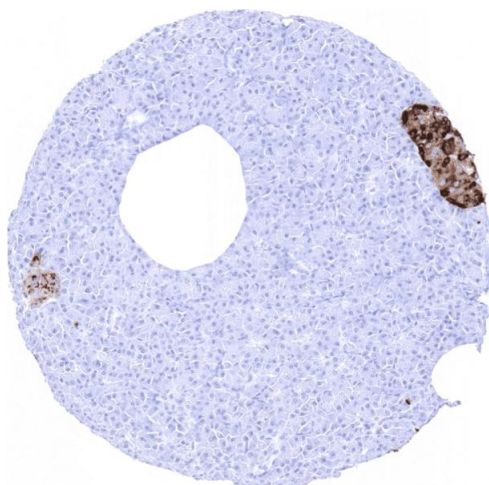
Handling

Format:	Liquid
Storage:	4 °C, -20 °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.



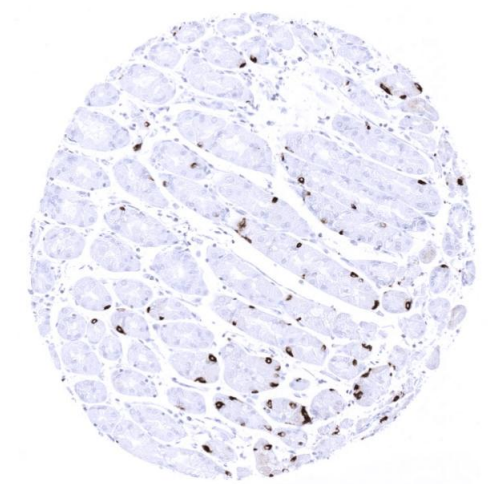
Immunohistochemistry

Image 1. Neuroendocrine tumor of the appendix showing strong chromogranin A immunostaining



Immunohistochemistry

Image 2. Islet cells of the pancreas show intense chromogranin A staining



Immunohistochemistry

Image 3. Strong chromogranin A expression in scattered neuroendocrine cells of stomach antrum glands