

Anti-Chromogranin A antibody [CHGA/798] ab220191

6 Images

Overview

Product name	Anti-Chromogranin A antibody [CHGA/798]
Description	Mouse monoclonal [CHGA/798] to Chromogranin A
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Full length protein corresponding to Human Chromogranin A. Database link: P10645
Positive control	IHC: Human SC lung carcinoma, pancreas, parathyroid, adrenal gland tissues. Rat pancreas. Mouse pancreas.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, 99% PBS
Purity	Protein A/G purified
Purification notes	ab220191 was purified from Bioreactor Concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	CHGA/798
Isotype	IgG1

Light chain type

kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab220191 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.25 - 0.5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.

Sequence similarities

Belongs to the chromogranin/secretogranin protein family.

Post-translational modifications

Sulfated on tyrosine residues and/or contains sulfated glycans.
O-glycosylated with core 1 or possibly core 8 glycans.

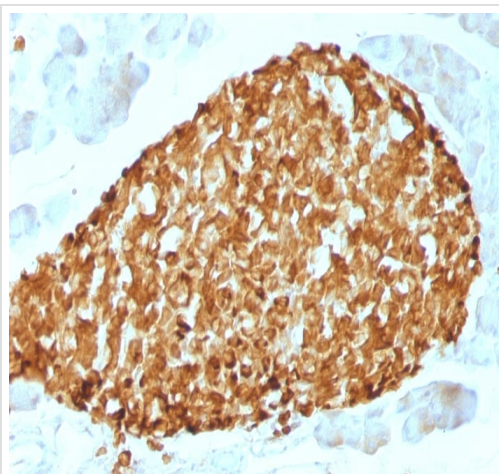
Cellular localization

Secreted. Neuroendocrine and endocrine secretory granules.

Form

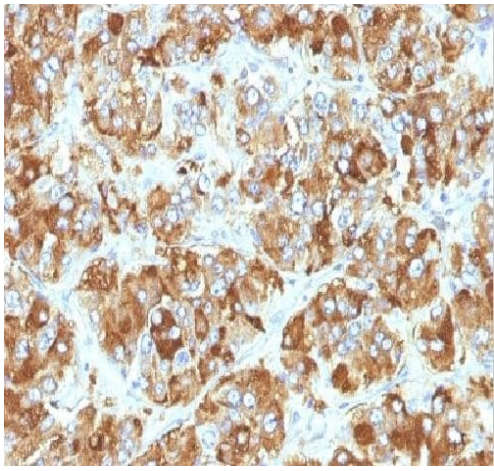
According to the Swiss-Prot database, this protein has many different forms which correspond to various molecular weights; thus the possible variation from the predicted molecular weight of 51kDa.

Images



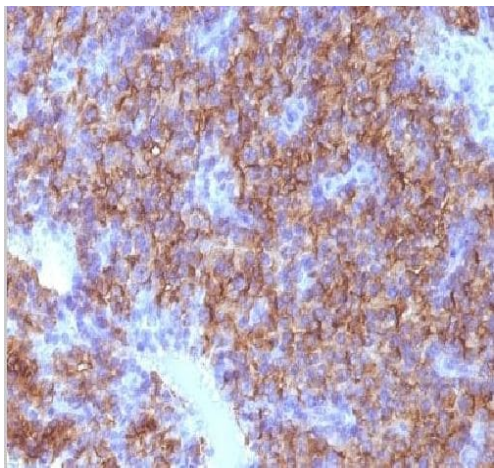
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse pancreas tissue labelling Chromogranin A with ab220191 at 0.5µg/ml dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CHGA/798] (ab220191)



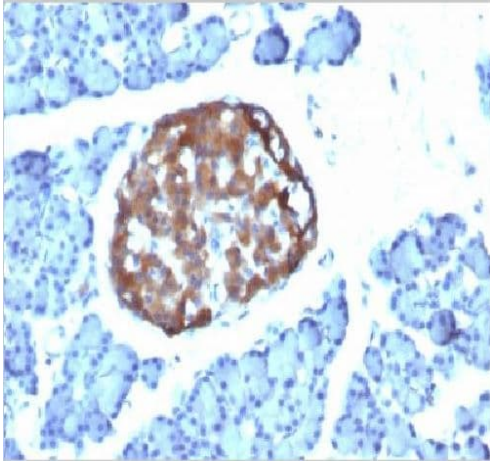
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CHGA/798] (ab220191)

Immunohistochemical analysis of formalin-fixed and paraffin-embedded Human adrenal gland tissue labeling Chromogranin A with ab220191 at 0.5 µg/ml dilution.



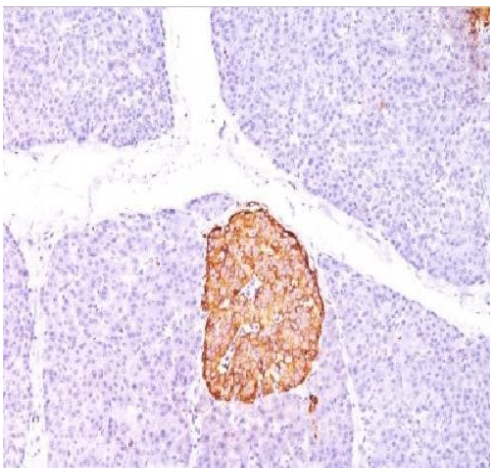
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CHGA/798] (ab220191)

Immunohistochemical analysis of formalin-fixed and paraffin-embedded Human parathyroid tissue labeling Chromogranin A with ab220191 at 0.5 µg/ml dilution.



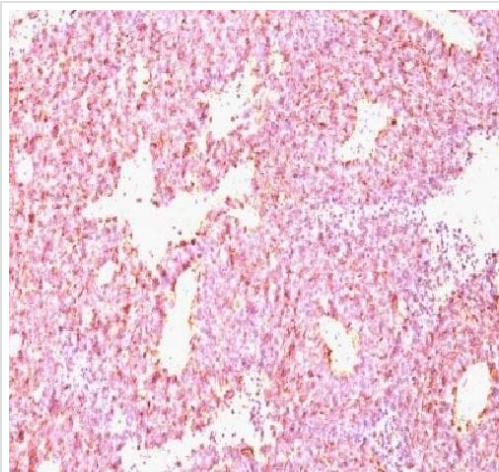
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CHGA/798] (ab220191)

Immunohistochemical analysis of formalin-fixed and paraffin-embedded rat pancreas tissue labeling Chromogranin A with ab220191 at 0.5 µg/ml dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CHGA/798] (ab220191)

Immunohistochemical analysis of formalin-fixed and paraffin-embedded Human pancreas tissue labeling Chromogranin A with ab220191 at 0.5 µg/ml dilution.



Immunohistochemical analysis of formalin-fixed and paraffin-embedded Human SC lung carcinoma tissue labeling Chromogranin A with ab220191 at 0.5 µg/ml dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CHGA/798] (ab220191)

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