


Product datasheet

Anti-Chromogranin A antibody ab15160

★★★★★ [29 Abreviews](#) [218 References](#) [1 Image](#)

Overview

Product name	Anti-Chromogranin A antibody
Description	Rabbit polyclonal to Chromogranin A
Host species	Rabbit
Tested applications	Suitable for: IHC-P Unsuitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Monkey 
Immunogen	Recombinant fragment within Human Chromogranin A aa 250 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: P10645
Positive control	IHC-P: FFPE human normal pancreas tissue
General notes	This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com. 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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab15160 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	★★★★★ (22)	1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application notes

Is unsuitable for WB.

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.

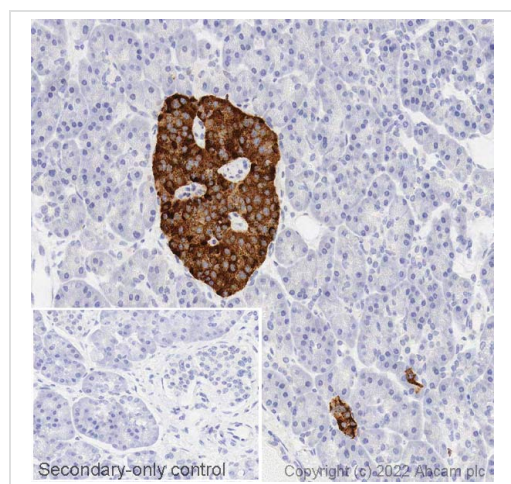
Cellular localization

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) - Anti-Chromogranin A antibody (ab15160)

IHC image of Chromogranin A staining in a section of formalin-fixed paraffin-embedded normal human pancreas* performed on a Leica Biosystems BOND® RX instrument. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab15160, 1/500 dilution, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset secondary-only control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*Tissue obtained from the Human Research Tissue Bank,

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