


Anti-Secretogranin V antibody ab22699

★★★★★ [2 Abreviews](#) [3 References](#) [2 图像](#)

概述

产品名称	Anti-Secretogranin V抗体
描述	兔多克隆抗体to Secretogranin V
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Rat, Human 预测可用于: Mouse, Chicken, Xenopus laevis, Zebrafish 
免疫原	Synthetic peptide: EQLGIARPRV EYPAHQA conjugated to BSA by a CDI linker, corresponding to N terminal amino acids 23-39 of Pig Secretogranin V (45-61 of pro-Pig Secretogranin V). Run BLAST with Run BLAST with

常规说明

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

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.065% Sodium azide
纯化说明	Partially purified, caprylic acid and ammonium sulphate precipitative clean-up.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab22699 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF	★★★★★ (1)	Use a concentration of 5 µg/ml.
IHC-P		Use at an assay dependent concentration.

靶标

功能	Acts as a molecular chaperone for PCSK2/PC2, preventing its premature activation in the regulated secretory pathway. Binds to inactive PCSK2 in the endoplasmic reticulum and facilitates its transport from there to later compartments of the secretory pathway where it is proteolytically matured and activated. Also required for cleavage of PCSK2 but does not appear to be involved in its folding. Plays a role in regulating pituitary hormone secretion. The C-terminal peptide inhibits PCSK2 in vitro.
序列相似性	Belongs to the 7B2 family.
翻译后修饰	Proteolytically cleaved in the Golgi by a furin-like convertase to generate bioactive peptides. Sulfated on tyrosine residues.
细胞定位	Secreted. Neuroendocrine and endocrine secretory granules.

图片

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Secretogranin V antibody (ab22699)

ab75197 (1 µg/ml) staining secretogranin V in human pancreas using an automated system (DAKO Autostainer Plus). Using this protocol there is strong cytoplasmic staining of Islets of Langerhans. Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer citrate pH 6.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

Immunocytochemistry/ Immunofluorescence - Anti-Secretogranin V antibody (ab22699)

ICC/IF image of ab22699 stained PC12 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to

permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab22699, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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