Anti-GCG antibody (21-180) (STJ116819)

STJ116819

GENERAL INFORMATION

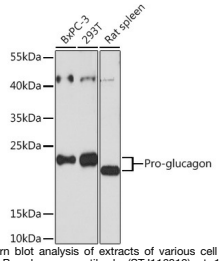
Product Type Primary antibodies
Short Description
Applications WB/IHC-P/IF/ICC/ELISA
Host/Source Rabbit
Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

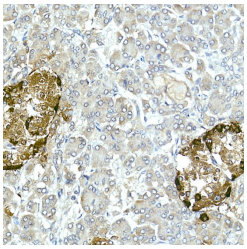
Clonality Polyclonal
Clone ID
Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB:1:500-1:2000
IHC-P:1:50-1:200
IF/ICC:1:50-1:200
ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

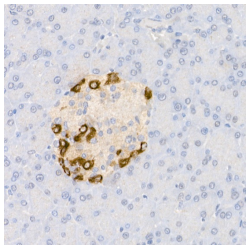
TARGET INFORMATION

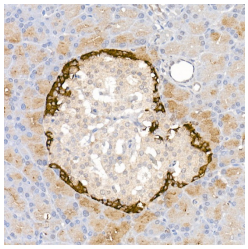
Gene ID 2641
Gene Symbol GCG
Uniprot ID GLUC_HUMAN
Immunogen
Immunogen Region 21-180
Specificity Recombinant fusion protein containing a sequence corresponding to amino acids 21-89 of human Pro-glucagon (NP_002045.1).
Immunogen Sequence RSLQDTEEKSRSFSASQADP LSDPDQMNEDKRHSQGTFTS DYSKYLDSRRAQDFVQWLMN TKRNRNNIA



Western blot analysis of extracts of various cell lines, using Pro-glucagon antibody (STJ116819) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.


Immunohistochemistry analysis of paraffin-embedded Human islet using Pro-glucagon rabbit polyclonal antibody (STJ116819) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.


Immunohistochemistry analysis of paraffin-embedded mouse pancreatic islet using Pro-glucagon rabbit polyclonal antibody (STJ116819) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.


Immunohistochemistry analysis of paraffin-embedded rat pancreatic islet using Pro-glucagon rabbit polyclonal antibody (STJ116819) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081