

Rabbit anti-Mouse, Rat GCG Polyclonal Antibody | anti-GCG antibody

GCG Polyclonal Antibody

CATALOG # AAA174540	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry
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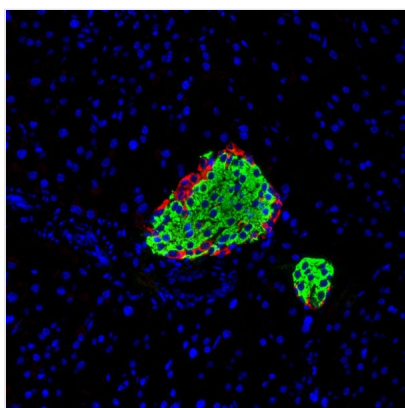
PRODUCT SYNONYMS

GCG; Polyclonal Antibody; GCG Polyclonal Antibody; GLP 2; GLP1; GLP2; glucagon; GRPP; Glucagon like peptide 1; GRPP Oxyntomodulin; OXM; Proglucagon; anti-GCG antibody

PRODUCT SPECIFICATIONS

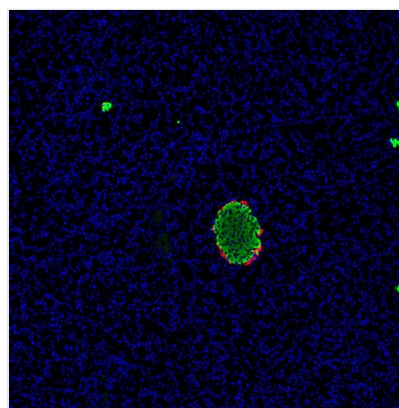
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence Length	180
Applicable Applications for anti-GCG antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Glucagon
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



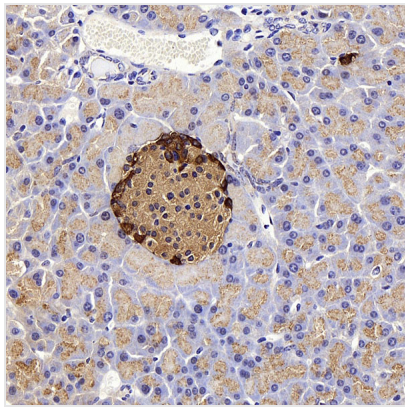
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Mouse pancreas using GCG Polyclonal Antibody at dilution of 1:200. Red is labeled with glucagon antibody and green is labeled with insulin antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Rat pancreas using GCG Polyclonal Antibody at dilution of 1:200. Red is labeled with glucagon antibody and green is labeled with insulin antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse pancreas using GCG Polyclonal Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-GCG antibody	The protein encoded by this gene is actually a preproprotein that is cleaved into four distinct mature peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a specific G-protein linked receptor whose signalling pathway controls cell proliferation. Two of the other peptides are secreted from gut endocrine cells and promote nutrient absorption through distinct mechanisms. Finally, the fourth peptide is similar to glicentin, an active enteroglucagon.
Product Categories/Family for anti-GCG antibody	Cancer ; Metabolism ; Developmental Biology ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	33468853
NCBI GeneID	14526
NCBI Accession #	NP_032126.1
NCBI GenBank Nucleotide #	NM_008100.4
UniProt Accession #	P55095 ; Q3UFE9
Molecular Weight	20,906 Da
NCBI Official Full Name	glucagon preproprotein
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	Gcg
NCBI Official Synonym Symbols	Glu; PPG; GLP-1
NCBI Protein Information	glucagon
UniProt Protein Name	Glucagon
UniProt Gene Name	Gcg
UniProt Synonym Gene Names	GRPP; OXM; OXY; GLP-1; GLP-1(7-37); GLP-1(7-36); GLP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gcg-antibody-immunofluorescence-immunohistochemistry-elisa/174540>