

Rabbit GCG Polyclonal Antibody | anti-GCG antibody

GCG Polyclonal Antibody

CATALOG # AAA166993	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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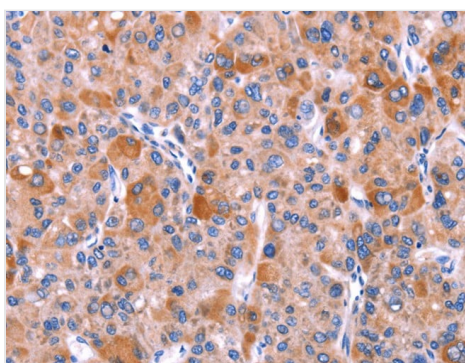
PRODUCT SYNONYMS

GCG; Polyclonal Antibody; GCG Polyclonal Antibody; GLP1; GLP2; GRPP; anti-GCG antibody

PRODUCT SPECIFICATIONS

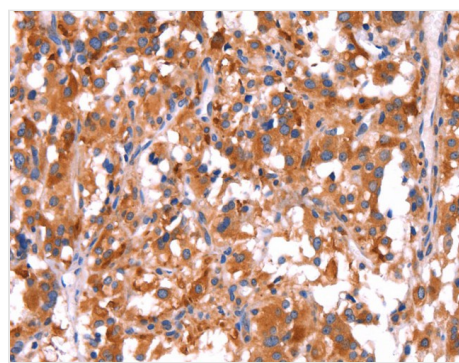
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.8mg/mL (varies by lot)
Sequence Length	180
Applicable Applications for anti-GCG antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human GCG
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using GCG Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using GCG Polyclonal Antibody at dilution 1:40

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	Stem cells ; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503945
NCBI GeneID	2641
NCBI Accession #	NP_002045.1
NCBI GenBank Nucleotide #	NM_002054.4
Molecular Weight	20,909 Da
NCBI Official Full Name	glucagon preproprotein
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	GCG
NCBI Official Synonym Symbols	GLP1; GLP2; GRPP
NCBI Protein Information	glucagon; glicentin-related polypeptide; glucagon-like peptide 1; glucagon-like peptide 2; preproglucagon
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
UniProt Entry Name	GLUC_HUMAN

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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