

Rabbit anti-Human GLP-1 Monoclonal Antibody | anti-GCG antibody

GLP-1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283099	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

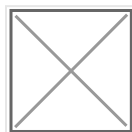
PRODUCT SYNONYMS

GLP-1; Monoclonal Antibody; GLP-1 Rabbit mAb; GLP1; GLP2; GRPP; anti-GCG antibody

PRODUCT SPECIFICATIONS

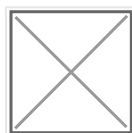
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RAQDFVQWLM NTKRNRNIA KRHDEFERHA EGTFTSDVSS YLEGQAAKEF IAWLVKGRGR RDFPEEVAIV EELGRRHADG S
Applicable Applications for anti-GCG antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Cross Reactivity	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 70-150 of human GLP-1 (P01275).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



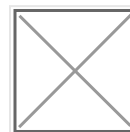
IF (Immunofluorescence)

Immunofluorescence analysis of mouse pancreas using GLP-1 Rabbit mAb (AAA283099) at dilution of 1:100. Blue: DAPI for nuclear staining.



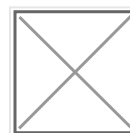
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse pancreas using GLP-1 Rabbit mAb (AAA283099) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



IF (Immunofluorescence)

Immunofluorescence analysis of rat pancreas using GLP-1 Rabbit mAb (AAA283099) at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat pancreas using GLP-1 Rabbit mAb (AAA283099) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

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; Signal Transduction; Endocrine Metabolism; Endocrine and metabolic diseases; Diabetes; Neuroscience; Stem Cells; Cardiovascular; Heart; Cardiovascular diseases; Heart disease; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503945
NCBI GeneID	2641
NCBI Accession #	NP_002045.1
NCBI GenBank Nucleotide #	NM_002054.4
UniProt Accession #	P01275; Q53TP6; A6NN65
Molecular Weight	Calculated MW: 21kDa
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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Online datasheet: <https://stage.aaabiotech.com/monoclonal/glp-1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/283099>