

## ARG67067 anti-Glucagon antibody [SQab30338]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab30338] recognizes Glucagon
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30338
Isotype	IgG
Target Name	Glucagon
Species	Human
Immunogen	Recombinant protein fragment of Glucagon
Conjugation	Un-conjugated
Alternate Names	GCG; Glucagon; GLP-1; GLP1; GLP2; GRPP; Glucagon-Related Polypeptide; Glucagon-Like Peptide 1; Glucagon-Like Peptide 2; Preproglucagon; Pro-Glucagon

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100-1:200

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

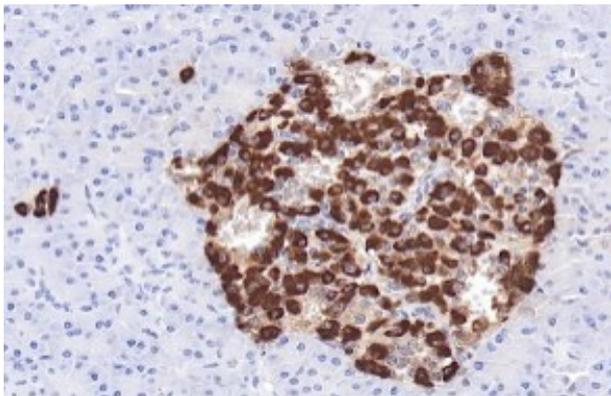
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	GCG
Gene Full Name	glucagon
Background	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. [provided by RefSeq, Jul 2008]
Function	Plays a key role in glucose metabolism and homeostasis. Regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. Plays an important role in initiating and maintaining hyperglycemic conditions in diabetes. [UniProt]
Highlight	Related news: <a href="#">Studying obesity and appetite control by quantifying orexigenic and anorexigenic hormones;</a>
Calculated Mw	21 kDa
PTM	Amidation, Cleavage on pair of basic residues, Phosphoprotein. [UniProt]
Cellular Localization	Secreted. [UniProt]

## Images

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ARG67067 anti-Glucagon antibody [SQab30338] IHC-P image

Immunohistochemistry: Human pancreas tissue stained with ARG67067 anti-Glucagon antibody [SQab30338] at 1:100 dilution.