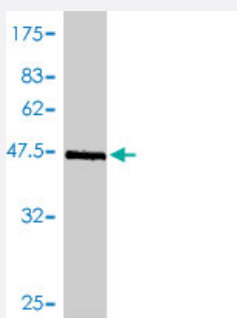


GCG polyclonal antibody (A01)

Catalog # H00002641-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (45.91 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant GCG.
Immunogen	GCG (AAH05278, 1 a.a. ~ 180 a.a) full-length recombinant protein with GST tag.
Sequence	MKSIYFVAGLFVMLVQGSWQRS LQDTEEKSRFSASQADPLSDPDQMNE DKRHSQGTFTSDYS KYLDSRRAQDFVQWLMNTRNRNNAKRHDEFERHAEGTFTSDVSSYLEGQAAKEFIWLVKGR GRRDFPEEVAVEELGRRHADGSFSDEMNTILDNLAARDFINWLIQTKITDRK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.91 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GCG

Entrez GeneID [2641](#)

GeneBank Accession# [BC005278](#)

Protein Accession# [AAH05278](#)

Gene Name GCG

Gene Alias GLP1, GLP2, GRPP

Gene Description glucagon

Omim ID [138030](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations glicentin-related polypeptide|glucagon-like peptide 1|glucagon-like peptide 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)

- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Obesity](#)