10320 Camino Santa Fe, Suite G
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Glucagon Antibody
Rabbit mAb
Catalog # AP91054

Specification

Glucagon Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P01275
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
GCG; Glicentin; Glicentin-related polypeptide; GLP-1;; GLP-2; GLP1; GLP2; GLUC; Glucagon; GRPP; OXM; OXY;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**20909 Da**

Glucagon Antibody - Additional Information

Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human Glucagon**
Description	**GCG Glucagon 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.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

Glucagon Antibody - Protein Information

Name GCG (HGNC:4191)

Function
[Glucagon]: 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.

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Cellular Location
Secreted.

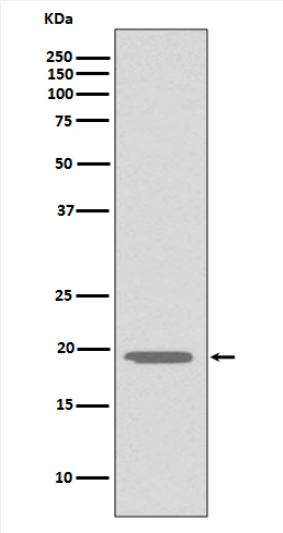
Tissue Location
[Glucagon]: Secreted in the A cells of the islets of Langerhans. [Glucagon-like peptide 2]: Secreted from enteroendocrine cells throughout the gastrointestinal tract. Also secreted in selected neurons in the brain [Oxyntomodulin]: Secreted from enteroendocrine cells throughout the gastrointestinal tract

Glucagon Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Glucagon Antibody - Images



Western blot analysis of Glucagon expression in HepG2 cell lysate.