

# Glucagon Rabbit mAb

Catalog # AP76953

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">P01275</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human Glucagon
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	20909

## Additional Information

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<b>Gene ID</b>	2641
<b>Other Names</b>	GCG
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

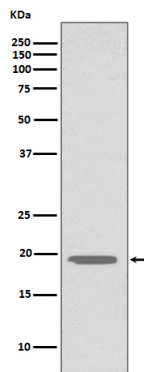
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<b>Name</b>	GCG ( <a href="#">HGNC:4191</a> )
<b>Function</b>	[Glucagon]: Plays a key role in glucose metabolism and homeostasis. Regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. Plays an important role in initiating and maintaining hyperglycemic conditions in diabetes. Binds to and activates the glucagon receptor GCGR, which couples to the G(s) G protein and elevates intracellular cAMP, triggering downstream metabolic responses (PubMed: <a href="#">32193322</a> ).
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	[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

## Images

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