

Datasheet: 4660-1100G

Description:	GOAT ANTI HUMAN GLUCAGON
Specificity:	GLUCAGON
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/200 - 1/20000
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml

Immunogen Synthetic peptide corresponding to amino acids 8-18 of human glucagon.

External Database

Links

UniProt:

[P01275](#) [Related reagents](#)

Entrez Gene:

[2641](#) GCG [Related reagents](#)

RRID

AB_2107336

Specificity

Goat anti Human glucagon antibody detects glucagon, a pancreatic hormone whose actions are antagonistic to insulin, functioning to increase blood glucose through stimulation of glycogenolysis and gluconeogenesis in the liver. Glucagon is a ligand for the glucagon receptor, a G-protein linked receptor whose signalling pathway controls cell proliferation.

Glucagon is secreted from A-cells within the Islets of Langerhans in the pancreas.

Further Reading

1. Woods, S.C. *et al.* (2006) Pancreatic signals controlling food intake; insulin, glucagon and amylin. [Philos Trans R Soc Lond B Biol Sci. 361 \(1471\): 1219-35.](#)

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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