



BMA BIOMEDICALS



Peninsula Laboratories

Guinea pig anti Glucagon (1-29)

Glucagon is a peptide hormone secreted from the pancreatic Islet of Langerhans alpha-cells. It works to raise the concentration of glucose and fatty acids in the bloodstream, and is considered to be the main catabolic hormone of the body. Glucagon (1-29) acts on hepatic enzymes that regulate glucose production and glycogen synthesis. Excessive amounts of circulating glucagon are implicated in the metabolic dysregulation of type 2 diabetes, since such conditions result in hyperglycemia.

This antibody was generated by immunization of guinea pigs with Glucagon (1-29) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-5037 (Lot A19PO24132)
Clonality:	Polyclonal
Host species:	Guinea pig
Reactivity:	Human, porcine, rat
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized.
	Reconstitute by adding 50µl of distilled water. This will give the equivalent of undiluted antiserum. Avoid vortexing.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-OH coupled to carrier protein.
Protein database:	<u>human-P01275</u> , <u>porcine-P01274</u> , <u>rat-P06883</u>
Applications:	Tested in immunohistochemistry (IHC). Other applications like ELISA, FACS, and Western blot may work as well Optimal dilutions should be determined by the end user Please see www.bma.ch for protocols and general information

Related Products:

T-4359: Rabbit anti Glucagon (1-29), neat antiserum

T-4358: Rabbit anti Glucagon (1-29), purified antiserum

T-4357: Rabbit anti Glucagon (1-29), diluted antiserum

S-1211: ELISA high sensitivity for extracted samples

S-1349: ELISA extraction-free for human serum and plasma samples

This product contains no preservative and is intended for laboratory use and research purposes only.
Not for diagnostic or therapeutic applications.