

Datasheet: 4660-1140

Description:	GOAT ANTI GLUCAGON (N-TERMINAL)
Specificity:	GLUCAGON (N-TERMINAL)
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	▪			
Western Blotting			▪	

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
Species Cross Reactivity	<p>Reacts with: Pig</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
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	Porcine glucagon, amino acids 1-12, conjugated with bovine thyroglobulin.
External Database Links	<p>UniProt: P01275 Related reagents</p> <p>Entrez Gene: 2641 GCG Related reagents</p>
RRID	AB_2107337
Specificity	<p>Goat anti Glucagon antibody recognizes the pancreatic polypeptide hormone glucagon, whose actions are antagonistic to insulin. Glucagon is produced by A cells within the Islets of Langerhans in the pancreas.</p> <p>Tumors arising from glucagon producing cells are termed glucagonomas, and this antibody may be useful in identifying such tumours.</p>
References	<ol style="list-style-type: none"> Li, S. <i>et al.</i> (2010) SEL1L deficiency impairs growth and differentiation of pancreatic epithelial cells. BMC Dev Biol. 10: 19. Ismail. H.I. & Ali, A.M. (2015) Immunohistochemical Studies on The Endocrine Cells in The Thymus of The One-Humped-Camel (<i>Camelus dromedarius</i>) J Camel Pract Res. 22 (2): 251.
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/4660-1140 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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