

# Product datasheet

## anti-Glucagon rabbit polyclonal, serum

### Short overview

<b>Cat. No.</b>	11184
<b>Quantity</b>	250 µl

### Product description

<b>Host</b>	Rabbit
<b>Antibody Type</b>	Polyclonal
<b>Immunogen</b>	Porcine pancreatic glucagon/BSA
<b>Formulation</b>	Contains 0.09% sodium azide
<b>UniprotID</b>	P01275 (Human),P06883 (Rat)
<b>Synonym</b>	Pro-glucagon [Cleaved into: Glicentin; Glicentin-related polypeptide, GRPP; Oxyntomodulin, OXM, OXY; Glucagon; Glucagon-like peptide 1, GLP-1, Incretin hormone; Glucagon-like peptide 1(7-37, GLP-1(7-37; Glucagon-like peptide 1(7-36, GLP-1(7-36; Glucagon-like peptide 2, GLP-2], GCG
<b>Note</b>	Centrifuge prior to opening
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Stabilized antiserum
<b>Storage</b>	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	IHC
<b>Reactivity</b>	Human, Rat

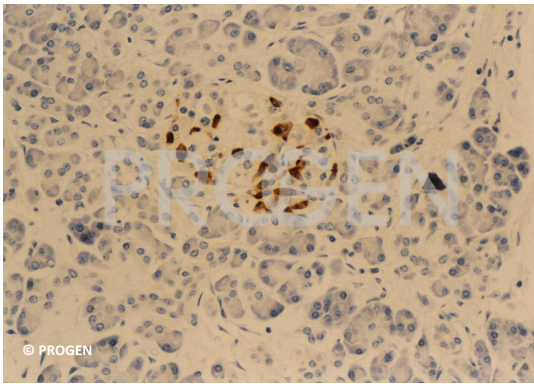
### Applications

<b>Immunohistochemistry (IHC) - frozen</b>	1:50 (no proteolytic treatment required)
<b>Immunohistochemistry (IHC) - paraffin</b>	1:50 (microwave treatment recommended; no proteolytic treatment required)

### Background

The antibody is specific to pancreatic glucagon. Glucagon is produced by the alpha-cells of the pancreatic islets. It occurs also in endocrine cells of the gut and in neurons in the brain. Glucagon is a common constituent of endocrine pancreatic tumours and of rectal carcinoids, such tumours may give rise to the so called glucagonoma syndrome. The antigen localization is cytoplasmic. Positive control: Pancreas.

### Product images



human Pancreas Alpha-Cells

## References

Publication	Species	Application
<a href="#">MyrsÅ©n, U., AhrÅ©n, B. &amp; Sundler, F. Neuropeptide Y is expressed in subpopulations of insulin- and non-insulin-producing islet cells in the rat after dexamethasone treatment: a combined immunocytochemical and in situ hybridisation study. Regul. Pept. 60</a>	rat	IHC (frozen)
<a href="#">Larsson, L., Alumets, J., HÅ¥kanson, R., Simonsson, M. &amp; Sundler, F. Carcinoid granule extract contains antigenic determinants common to peptide hormone-producing cells and endocrine tumours. Virchows Arch. A. Pathol. Anat. Histopathol. 416, 465â€“72 (19</a>	human	IHC (frozen)
<a href="#">Alumets, J. et al. Neurohormonal peptides in endocrine tumors of the pancreas, stomach, and upper small intestine: I. An immunohistochemical study of 27 cases. Ultrastruct. Pathol. 5, 55â€“72 (1983).</a>	human	IHC (paraffin)