

Rabbit GLP1 Polyclonal Antibody | anti-GLP1 antibody

Anti-GLP1 Antibody

CATALOG # AAA46349	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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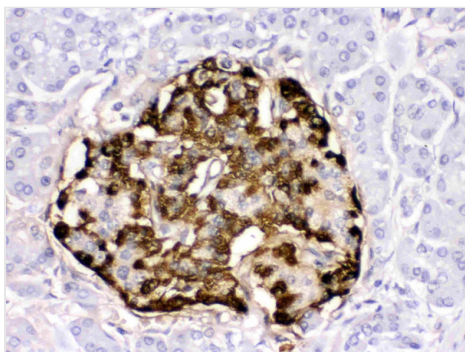
PRODUCT SYNONYMS

GLP1; Polyclonal Antibody; Anti-GLP1 Antibody; Glucagon; GCG; glicentin-related polypeptide; GLP-1; GLP-1(7-36); GLP-1(7-37); GLP-2; included; GLP2; GLUC_HUMAN; Glucagon like peptide 1; glucagon-like peptide 1; Glucagon-like peptide 1; Glucagon-like peptide 2; GRPP; OXM; OXY; preproglucagon; glucagon; anti-GLP1 antibody

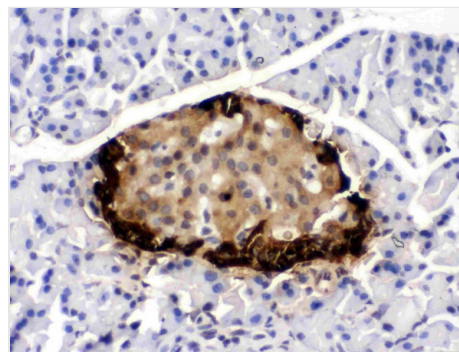
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	180
Applicable Applications for anti-GLP1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human GLP1 (53-81aa HSQGTFTSDYSKYLSRRAQDFVQWLMNT), identical to the related mouse and rat sequences.
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant Detection Systems	Antibody can be supported by in IHC(P).
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

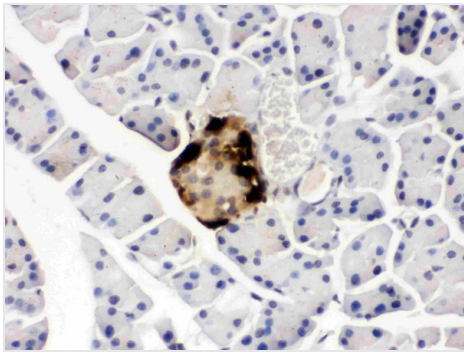
IMAGES


IHC (Immunohistochemistry)

Anti- GLP1 Picoband antibody, AAA46349, IHC(P)IHC(P): Human Pancreatic Cancer Tissue


IHC (Immunohistochemistry)

Anti- GLP1 Picoband antibody, AAA46349, IHC(P)IHC(P): Rat Pancreas Tissue



IHC (Immunohistochemistry)
Anti- GLP1 Picoband antibody, AAA46349, IHC(P)IHC(P): Mouse Pancreas Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-GLP1 antibody	Description: Rabbit IgG polyclonal antibody for Glucagon(GCG) detection. Tested with IHC-P in Human;Mouse;Rat. Background: GCG is also known as GLP1, or Glucagon. Glucagon is a 29-amino acid pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. It is mapped to 2q36-2q37. GLP1, also known as 7-37 for the codons of the preproglucagon molecule which encode it, renders pancreatic beta-cells 'glucose-competent' and may be useful in the treatment of noninsulin-dependent diabetes mellitus. Also, GLP1 is a potent insulin secretagogue. It plays a major role in the enteroinsular axis, accounting, for example, for the finding that plasma insulin levels accompanying oral intake of glucose are greater than those observed when glucose is given intravenously.
References	1. Arora S, Galich P (Mar 2009). "Myth: glucagon is an effective first-line therapy for esophageal foreign body impaction". Cjem 11 (2): 169-71. 2. Holz, G. G., IV, Kuhlreiber, W. M., Habener, J. F. Pancreatic beta-cells are rendered glucose-competent by the insulinotropic hormone glucagon-like peptide-1 (7-37). Nature 361: 362-365, 1993. 3. Liljenquist JE, Bomboy JD, Lewis SB, Sinclair-Smith BC, Felts PW, Lacy WW, Crofford OB, Liddle GW (Jan 1974). "Effects of glucagon on lipolysis and ketogenesis in normal and diabetic men" (PDF). The Journal of Clinical Investigation 53 (1): 190-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503945
NCBI GeneID	2641
NCBI Accession #	NP_002045.1
NCBI GenBank Nucleotide #	NM_002054.4
UniProt Accession #	P01275; Q53TP6; A6NN65
Molecular Weight	20,909 Da
NCBI Official Full Name	glucagon preproprotein
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	GCG
NCBI Official Synonym Symbols	GLP1; GLP2; GRPP
NCBI Protein Information	glucagon
UniProt Protein Name	Glucagon
UniProt Gene Name	GCG
UniProt Synonym Gene Names	GRPP; OXM; OXY; GLP-1; GLP-1(7-37); GLP-1(7-36); GLP-2
UniProt Entry Name	GLUC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/glp1-antibody-immunohistochemistry-elisa/46349>