



Rabbit Anti-Human GCG monoclonal antibody, clone KG44-21 (CABT-L882)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	GLP1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	KG44-21
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	21/8/4 kDa
Cellular Localization	Secreted.
Positive Control	PC-12, SW480, human pancreas tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
----------------	--

BACKGROUND

Introduction	Glucagon is a pancreatic hormone that functions as an antagonist to insulin, stimulating the conversion of glycogen to glucose and increasing blood sugar levels. Glucagon-like peptide-1 (GLP-1), Glucagon-like peptide-2 (GLP-2), VIP (vasoactive intestinal peptide) and PACAP (pituitary adenylate cyclase activating polypeptide) are members of the Glucagon family of hormones. GLP-1 functions as a transmitter in the central nervous system, inhibiting feeding and drinking behavior, whereas GLP-2 is a stimulator of intestinal epithelial growth. VIP causes vasodilation resulting in the lowering of blood pressure. PACAP is abundant in the hypothalamus and has been shown to increase the synthesis of several hormones, including growth hormone.
Keywords	GGC;glicentin-related polypeptide;GLP-1;GLP-1(7-36);GLP-1(7-37);GLP-2;GLP1;GLP1, included;GLP2;GLP2, included;GLUC_HUMAN;Glucagon;Glucagon like peptide 1;glucagon-like peptide 1;Glucagon-like peptide 1, included;Glucagon-like peptide 2;Glucagon-like peptide 2, included;GRPP;OXM;OXY;preproglucagon antibody

GENE INFORMATION

Entrez Gene ID	2641
UniProt ID	P01275
