



Anti-GCGR (aa 300-400) polyclonal antibody (DPABH-25666)

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

PRODUCT INFORMATION

Antigen Description	This is a receptor for glucagon which plays a central role in regulating the level of blood glucose by controlling the rate of hepatic glucose production and insulin secretion. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 300 - 400 of Human Glucagon Receptor.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	200 µl
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	GCGR glucagon receptor [Homo sapiens]
Official Symbol	GCGR
Synonyms	GCGR; glucagon receptor; GGR; GL-R;
Entrez Gene ID	2642
Protein Refseq	NP_000151.1
UniProt ID	P47871
Pathway	Class B/2 (Secretin family receptors); G alpha (s) signalling events; GPCR ligand binding; Gastrin-CREB signalling pathway via PKC and MAPK
Function	glucagon receptor activity; guanyl-nucleotide exchange factor activity; peptide hormone binding;