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Datasheet for ABIN7153870

anti-Glucagon Receptor antibody (AA 26-136) (Biotin)

Overview

Quantity:	100 µg
Target:	Glucagon Receptor (GCGR)
Binding Specificity:	AA 26-136
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucagon Receptor antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Glucagon receptor protein (26-136AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Glucagon Receptor (GCGR)
Alternative Name:	GCGR (GCGR Products)
Background:	Background: G-protein coupled receptor for glucagon that plays a central role in the regulation of blood glucose levels and glucose homeostasis. Regulates the rate of hepatic glucose

Target Details

production by promoting glycogen hydrolysis and gluconeogenesis. Plays an important role in mediating the responses to fasting. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Promotes activation of adenylate cyclase. Besides, plays a role in signaling via a phosphatidylinositol-calcium second messenger system. Aliases: Gcgr antibody, GGR antibody, GL R antibody, GL-R antibody, GLR antibody, GLR_HUMAN antibody, Glucagon receptor antibody, Glucagon receptor precursor antibody, MGC138246 antibody

UniProt: [P47871](#)

Pathways: [Carbohydrate Homeostasis](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.