



Datasheet for ABIN334409

anti-Glucagon Receptor antibody (Internal Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Glucagon Receptor (GCGR)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Glucagon Receptor antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Glucagon receptor
Immunogen:	Peptide with sequence C-HGPPSKELQFGR, from the internal region (near the C Terminus) of the protein sequence according to NP_000151.1.
Sequence:	HGPPSKELQF GR
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	Glucagon Receptor (GCGR)
Alternative Name:	GCGR (GCGR Products)
Background:	GCGR, glucagon receptor, GGR, MGC138246
Gene ID:	2642
NCBI Accession:	NP_000151
Pathways:	Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process

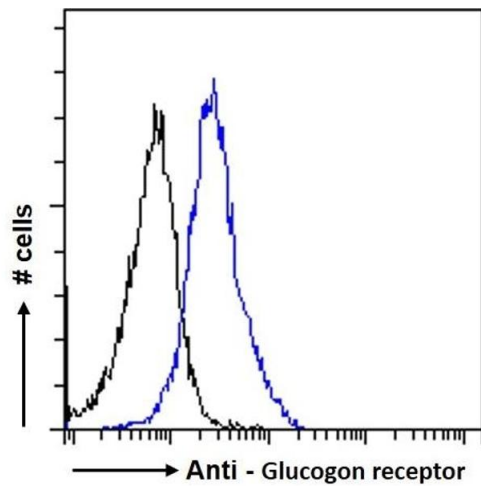
Application Details

Application Notes: DS WB Results: Preliminary experiments gave an approx 35 kDa band in Human Kidney and Liver lysates after 0.03 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 54.0 kDa according to NP_000151.1. The 35 kDa band was successfully blocked by incubation with the immunizing peptide. Have any further splice variants/modified forms been reported?
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Flow Cytometry

Image 1. ABIN334409 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 $\mu\text{g}/\text{mL}$) followed by Alexa Fluor 488 secondary antibody (1 $\mu\text{g}/\text{mL}$). IgG control: Unimmunized goat IgG (black line) fol