Overview

Product name: Anti-Glucagon Receptor antibody - N-terminal

Description: Rabbit polyclonal to Glucagon Receptor - N-terminal

Host species: Rabbit

Tested applications: Suitable for: IHC-P, WB

Species reactivity: Reacts with: Human

Immunogen: Synthetic peptide, corresponding to a region within N terminal amino acids 36-130 of Human Glucagon Receptor

Positive control: 293T whole cell lysate, H1299 or HeLa cell lysates
CL1-0 xenograft tissue

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer: pH: 7.00
Preservative: 0.025% Proclin
Constituents: 20% Glycerol, PBS

Purity: Immunogen affinity purified

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab137649 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Function

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.

Sequence similarities

Belongs to the G-protein coupled receptor 2 family.

Cellular localization

Cell membrane.

Images

Western blot - Anti-Glucagon Receptor antibody - N-terminal (ab137649)

Anti-Glucagon Receptor antibody - N-terminal (ab137649) at 1/1000 dilution + 293T whole cell lysate at 30 µg

Predicted band size: 54 kDa

10% SDS PAGE

Notes

IHC-P

1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Antigen retrieval using heat mediated Tris/EDTA buffer (pH 8.0) is also possible.

WB

1/500 - 1/3000. Predicted molecular weight: 54 kDa.
Immunohistochemical analysis of paraffin embedded CL1-0 xenograft, labelling Glucagon Receptor with ab137649 at 1/100 dilution.

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