Product datasheet

Anti-Glucagon Receptor antibody - N-terminal
ab137649

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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<td>IHC-P</td>
<td>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.</td>
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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) at 1/1000 dilution + 293T whole cell lysate at 30 µg

Predicted band size: 54 kDa

10% SDS PAGE

Immunohistochemical analysis of paraffin embedded CL1-0 xenograft, labelling Glucagon Receptor with ab137649 at 1/100 dilution.
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