

Product datasheet

Anti-Glucagon Receptor antibody - N-terminal
ab137649

3 References 2 Images

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: PBS, 20% Glycerol
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.

Application	Abreviews	Notes

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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.

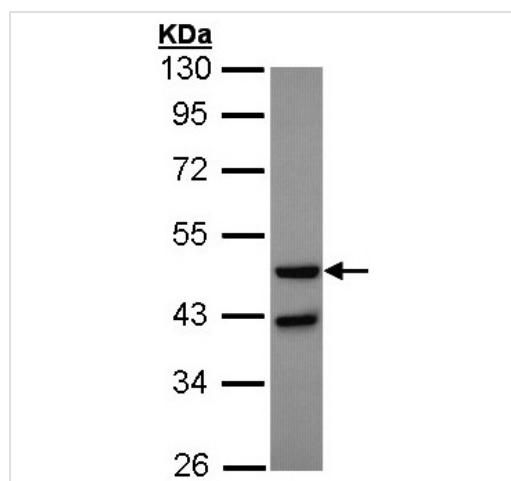
Target

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

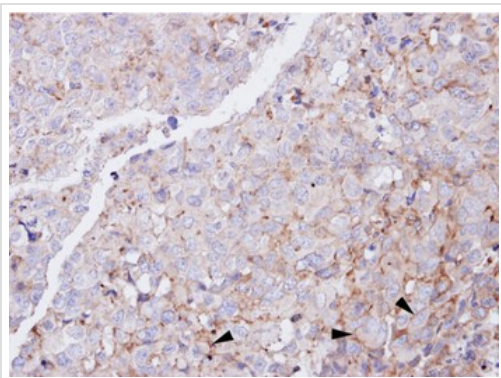


Anti-Glucagon Receptor antibody - N-terminal (ab137649) at 1/1000 dilution + 293T whole cell lysate at 30 µg

Predicted band size: 54 kDa

10% SDS PAGE

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



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glucagon Receptor antibody - N-terminal (ab137649)

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