

Product Name: Glucagon Receptor Rabbit Polyclonal Antibody
Catalog #: APRab11482



Summary

Production Name	Glucagon Receptor Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF, WB,
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GCGR
Alternative Names	GCGR; Glucagon receptor; GL-R
Gene ID	2642.0
SwissProt ID	P47871. The antiserum was produced against synthesized peptide derived from human GLR. AA range:95-144

Application

Dilution Ratio	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Molecular Weight	54kD

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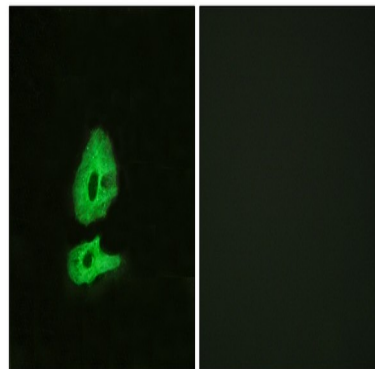
Background

glucagon receptor(GCGR) Homo sapiens The protein encoded by this gene is a glucagon receptor that is important in controlling blood glucose levels. Defects in this gene are a cause of non-insulin-dependent diabetes mellitus (NIDDM). [provided by RefSeq, Jan 2010],disease:It is a candidate for certain defects in non-insulin-dependent diabetes mellitus (NIDDM). The variant in position 40 (Ser) is found in some NIDDM patients, but also in nondiabetic subjects.,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.,similarity:Belongs to the G-protein coupled receptor 2 family.,

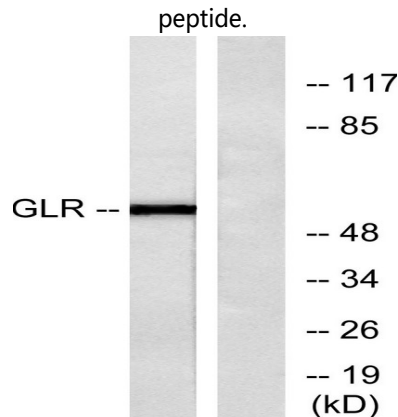
Research Area

Neuroactive ligand-receptor interaction;

Image Data



Immunofluorescence analysis of HeLa cells, using GLR Antibody. The picture on the right is blocked with the synthesized peptide.

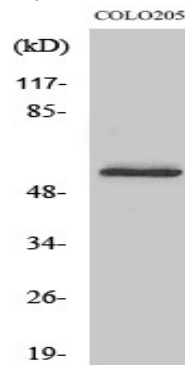


Western blot analysis of lysates from COLO205 cells, using GLR Antibody. The lane on the right is blocked with the

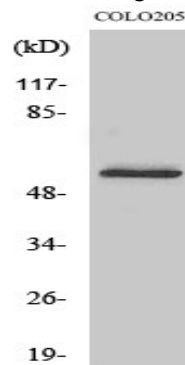
Product Name: Glucagon Receptor Rabbit Polyclonal Antibody
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synthesized peptide.



Western Blot analysis of various cells using Glucagon Receptor Polyclonal Antibody



Western Blot analysis of COLO205 cells using Glucagon Receptor Polyclonal Antibody

Note

For research use only.