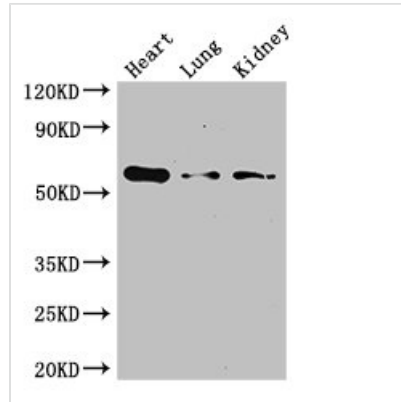




GCGR Antibody

Product Code	CSB-PA009316LA01HU
Abbreviation	Glucagon receptor
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P47871
Immunogen	Recombinant Human Glucagon receptor protein (26-136AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	G-protein coupled receptor for glucagon that plays a central role in the regulation of blood glucose levels and glucose homeostasis. Regulates the rate of hepatic glucose production by promoting glycogen hydrolysis and gluconeogenesis. Plays an important role in mediating the responses to fasting. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors, such as adenylate cyclase. Promotes activation of adenylate cyclase. Besides, plays a role in signaling via a phosphatidylinositol-calcium second messenger system.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Glucagon receptor (GL-R), GCGR
Species	Human
Research Area	Signal Transduction
Target Names	GCGR
Image	

**Western Blot**

Positive WB detected in: Mouse heart tissue,
Mouse lung tissue, Mouse kidney tissue

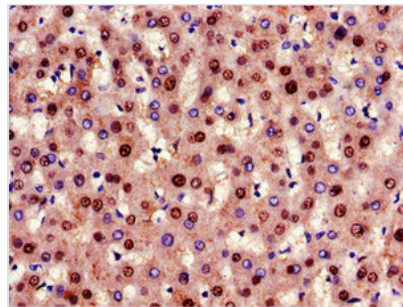
All lanes: Gcgr antibody at 3 μ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

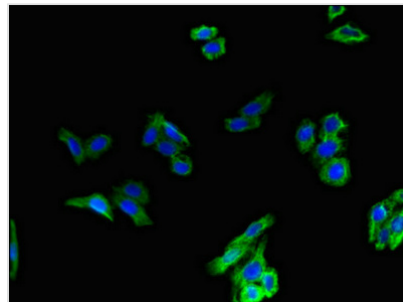
Predicted band size: 55 kDa

Observed band size: 55 kDa



Immunohistochemistry of paraffin-embedded
human liver tissue using CSB-

PA009316LA01HU at dilution of 1:100



Immunofluorescent analysis of HepG2 cells
using CSB-PA009316LA01HU at dilution of

1:100 and Alexa Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit IgG(H+L)