

## Product Datasheet

# Glucagon Receptor Rabbit Polyclonal Antibody (orb6093)

<b>Catalog Number</b>	orb6093
<b>Category</b>	Antibodies
<b>Description</b>	Glucagon Receptor Rabbit Polyclonal Antibody
<b>Target</b>	GCCR
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine, Canine, Gallus, Guinea pig, Porcine
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Glucagon Receptor (11-110/477aa)
<b>UniProt ID</b>	<b>P47871</b>

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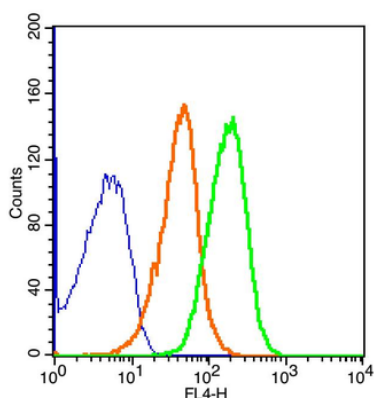
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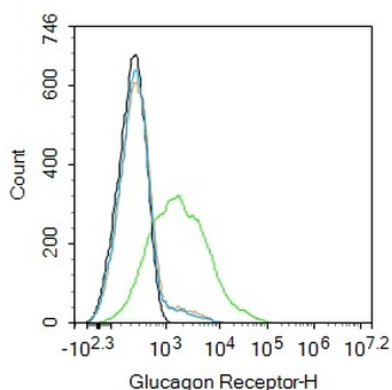
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<b>RRID</b>	AB_10920094
<b>MW</b>	51 kDa
<b>Tested applications</b>	FC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control (blue): Molt-4 Cells (fixed with 2% paraformaldehyde (10 min)). Primary Antibody: Rabbit Anti-Glucagon Receptor/AF647 Conjugated antibody (orb6093/AF647), dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG/AF647 (orange), used under the same conditions.



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-Glucagon Receptor antibody (orb6093), dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-AF488, dilution: 0.5 ug/Test. Protocol, The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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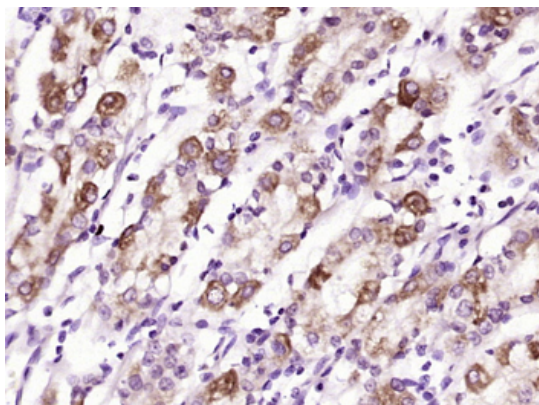
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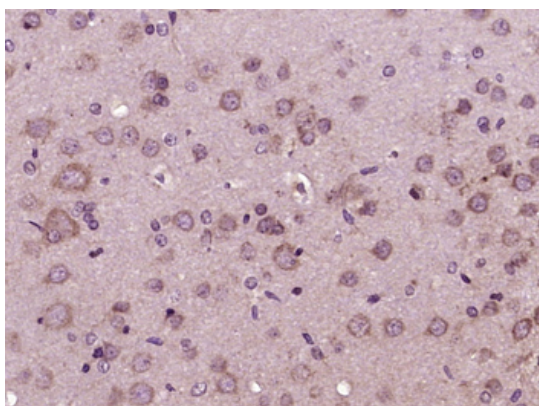
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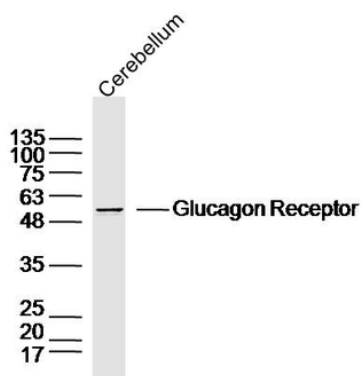
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Paraformaldehyde-fixed, paraffin embedded (human stomach tissue), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Glucagon Receptor) Polyclonal Antibody, Unconjugated (orb6093) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Glucagon Receptor) Polyclonal Antibody, Unconjugated (orb6093) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Cerebellum (Mouse) Lysate at 40 ug, Primary: Anti-Glucagon Receptor (orb6093) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 51 kD, Observed band size: 51 kD.

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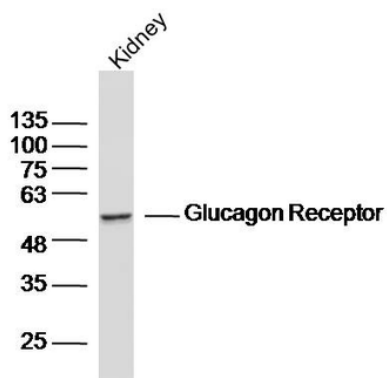
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Sample: Kidney (Mouse) Lysate at 40 ug, Primary: Anti-Glucagon Receptor (orb6093) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 51kD, Observed band size: 51kD.

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