

Product Datasheet

GLP-1R Rabbit Polyclonal Antibody (orb10722)

Catalog Number	orb10722
Category	Antibodies
Description	GLP-1R Rabbit Polyclonal Antibody
Target	GLP1R
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Canine
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from rat GLP-1R (101-200/463aa)
UniProt ID	P32301
RRID	AB_10750872
MW	55 kDa

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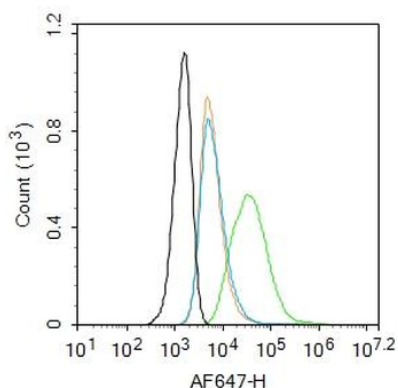
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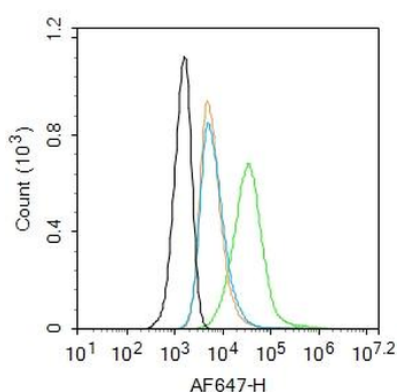
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Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:200-1000, IHC-F=1:200-1000, IF=1:200-1000
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: SH-SY5Y. Primary Antibody (green line): Rabbit Anti-GLP-1R antibody (orb10722), Dilution: 2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF647, Dilution: 1 µg/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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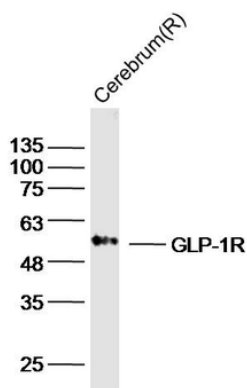
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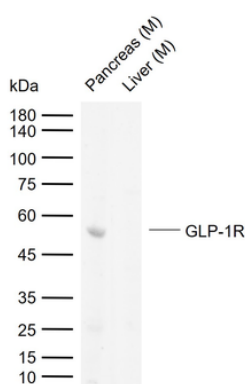
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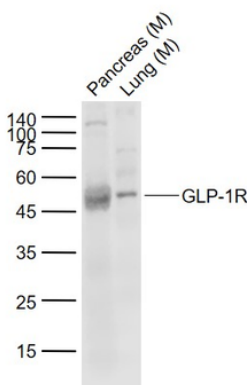
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Sample: Cerebrum (Rat) Lysate at 40 ug, Primary: Anti-GLP-1R (orb10722) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 51 kD, Observed band size: 51 kD.



Sample: Lane 1: Mouse Pancreas tissue lysates, Lane 2: Mouse Liver tissue lysates (negative control), Primary: Anti-GLP-1R (orb10722) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 51 kDa, Observed band size: 55 kDa.



Sample: Lane 1: Pancreas (Mouse) Lysate at 40 ug, Lane 2: Lung (Mouse) Lysate at 40 ug, Primary: Anti-GLP-1R (orb10722) at 1/1000 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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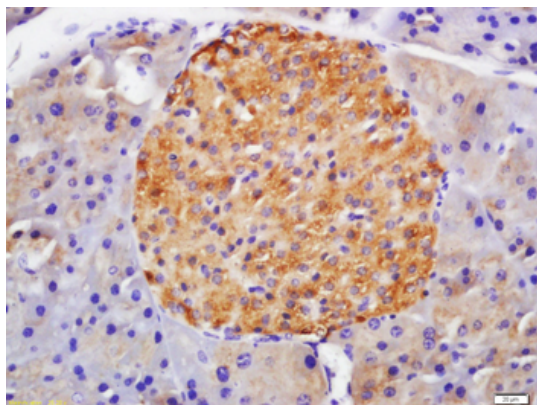
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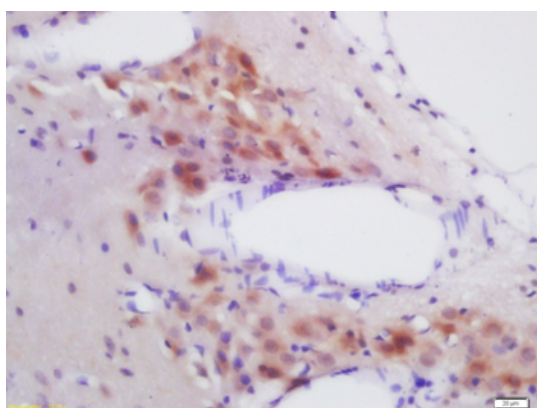
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Tissue/Cell: mouse pancreas tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-GLP-1R Polyclonal Antibody, Unconjugated (orb10722) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/Cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-GLP-1R Polyclonal Antibody, Unconjugated (orb10722) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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