

Product Datasheet

GPR49/LGR5 Rabbit Polyclonal Antibody (orb500772)

Description	GPR49/LGR5 Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-Fr, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human GPR49/LGR5 (211-310/907aa)
Target	LGR5
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
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
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	98 kDa
Uniprot ID	O75473

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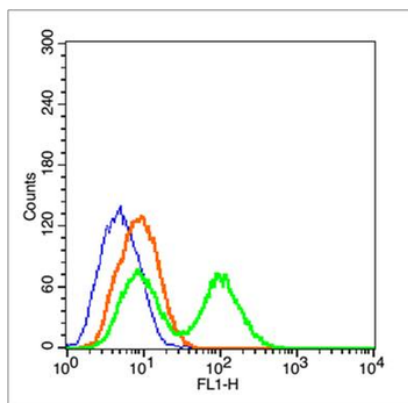
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Dilution Range

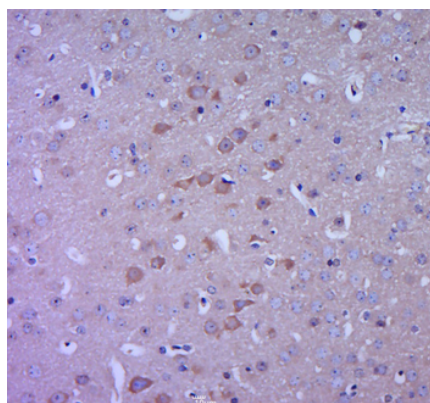
WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test

Expiration Date

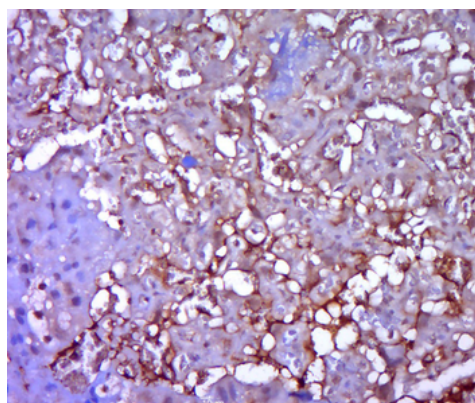
12 months from date of receipt.



Blank control (blue line): U251 (fixed with pre-warmed 4% paraformaldehyde for 30 min at 37°C), Primary Antibody (green line): Rabbit Anti-GPR49 antibody (orb500772), dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 1 µg/Test.



Paraformaldehyde-fixed, paraffin embedded (mouse 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 (GPR49) Polyclonal Antibody, Unconjugated (orb500772) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



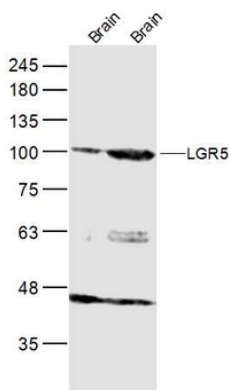
Paraformaldehyde-fixed, paraffin embedded (mouse placenta tissue), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GPR49) Polyclonal Antibody, Unconjugated (orb500772) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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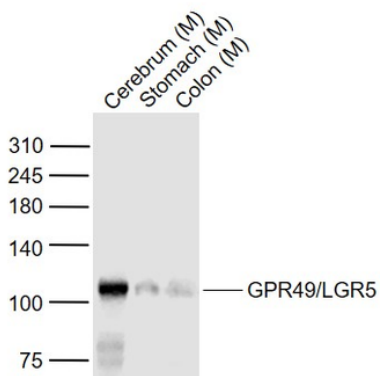
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Sample: Brain (Mouse) Lysate at 40 ug, Brain (Rat) Lysate at 40 ug, Primary: Anti-LGR5 (orb500772) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 98 kD, Observed band size: 100 kD.



Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug, Lane 2: Stomach (Mouse) Lysate at 40 ug, Lane 3: Colon (Mouse) Lysate at 40 ug, Primary: Anti-GPR49/LGR5 (orb500772) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 100 kD, Observed band size: 105 kD.

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