

Product Datasheet

LGR5 (GPR49) Antibody (Center) (orb1931495)

Catalog Number	orb1931495
Category	Antibodies
Description	LGR5 (GPR49) Antibody (Center)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Bovine
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
UniProt ID	O75473
MW	99998 Da
Tested applications	FC, IHC-P, WB
Dilution range	WB - 1:1000, IHC-P - 1:100-500, FC - 1:10-50, IHC - 1:100
Specificity	This LGR5 (GPR49) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 443-473 amino acids from the Central region of human LGR5 (GPR49).
Antibody Type	Primary Antibody

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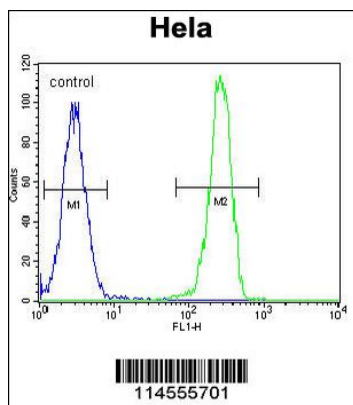
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Storage

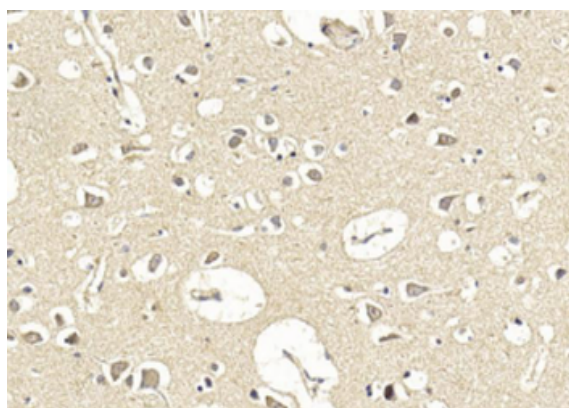
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

Note

For research use only



LGR5 (GPR49) Antibody (Center) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemical analysis of paraffin-embedded Human brain section using Pink1. Diluted at 1:100 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Formalin-fixed and paraffin-embedded human brain tissue reacted with LGR5/GPR49 antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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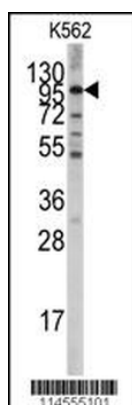
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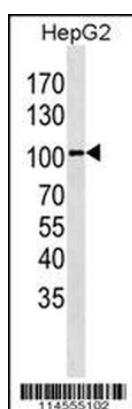
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Western blot analysis of anti-LGR5/GPR49 Antibody (Center) in K562 cell line lysates (35 ug/lane). LGR5/GPR49 (arrow) was detected using the purified Pab.



LGR5/GPR49 Antibody (Center) western blot analysis in HepG2 cell line lysates (35 ug/lane). This demonstrates the LGR5/GPR49 antibody detected the LGR5/GPR49 protein (arrow).

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