

LGR5 Recombinant antibody

Cat: B12004R

Company: HaoKebio

Uniprot ID: O75473

Applications: IHC:1:100

Organism: Rabbit

IHC-Polymer:1:400

Species reactivity: Human Mouse Rat

IHC-TSA:1:500

Molecular Weight Calculation: 907 aa, 100 kDa

WB:1:500-1:2000

Observed Molecular Weight: 100 kDa

Background:

Leucine-rich repeat-containing G-protein coupled receptor 5 (LGR5) also known as G-protein coupled receptor 49 (GPR49) or G-protein coupled receptor 67 (GPR67) is a protein that in humans is encoded by the LGR5 gene. It is a member of GPCR class A receptor proteins. R-spondin proteins are the biological ligands of LGR5. LGR5 is expressed across a diverse range of tissue such as in the muscle, placenta, spinal cord and brain and particularly as a biomarker of adult stem cells in certain tissues. LGR5 is crucial during embryogenesis as LGR null studies in mice incurred 100% neonatal mortality accompanied by several craniofacial distortions such as ankyloglossia and gastrointestinal dilation.

Synonyms:

FEX, GPR49, GPR67, G-protein coupled receptor 49, G-protein coupled receptor 67

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

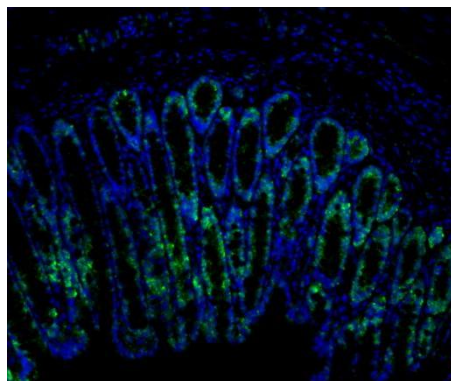
Storage:

Store at -20 °C for one year.

Experimental procedure:

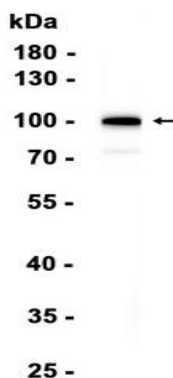
Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse intestine, 4% PFA 12-24h

Mouse muscle



Dilution of 1:2000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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浩克生物技术有限公司提供;
发表[英文论文]请标注:LGR5(B12004R) were k
indly provided by Hangzhou Haoke Biotechnolo
gy Co., Ltd.