

LGR5 Polyclonal antibody

Catalog Number: 21833-1-AP

9 Publications

Basic Information

Catalog Number:

21833-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16389

GenBank Accession Number:

BC096324

GeneID (NCBI):

8549

UNIPROT ID:

O75473

Full Name:

leucine-rich repeat-containing G protein-coupled receptor 5

Calculated MW:

907 aa, 100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:100-1:400

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC: human small intestine tissue, human colon tissue, human colon cancer tissue, human liver cancer tissue

Background Information

LGR5, also named as GPR49, GPR67 and HG38, belongs to the G-protein coupled receptor 1 family. It is an orphan receptor. LGR5 is a stem cell marker of the intestinal epithelium and the hair follicle. It is a target gene of Wnt signaling.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------------------|-----------|---------------|-------------|
| Gabriella Cunha Vieira | 26517508 | Oncotarget | IHC |
| John Clark-Corrigan | 36318235 | Cancer Invest | WB |
| Rei Ishibashi | 31807163 | Oncol Lett | |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

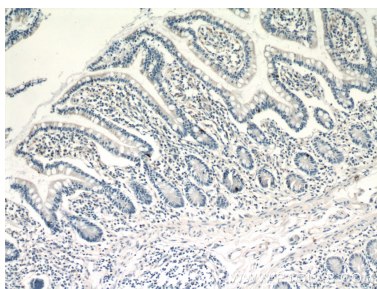
For technical support and original validation data for this product please contact:

T: 4006900926

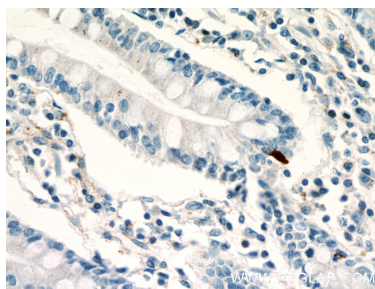
E: Proteintech-CN@ptglab.comW: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human small intestine using 21833-1-AP (LGR5 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine using 21833-1-AP (LGR5 antibody) at dilution of 1:200 (under 40x lens).