

Rabbit GPR49 / LGR5 Polyclonal Antibody | anti-GPR49 antibody

Rabbit Polyclonal to Human GPR49 / LGR5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52102	Rabbit	Gibbon, Human Predicted Reactivity: Monkey, Bat, Bovine, Hamster, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

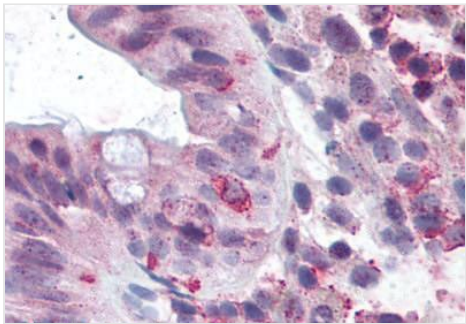
PRODUCT SYNONYMS

GPR49 / LGR5; Polyclonal Antibody; Rabbit Polyclonal to Human GPR49 / LGR5; Anti-GPR49 / LGR5 Antibody (Cytoplasmic Domain) IHC-plus; LGR5; FEX; G-protein coupled receptor 49; G protein-coupled receptor 49; GPR67; GRP49; GPR49; HG38; G-protein coupled receptor 67; Human GPR49; anti-GPR49 antibody

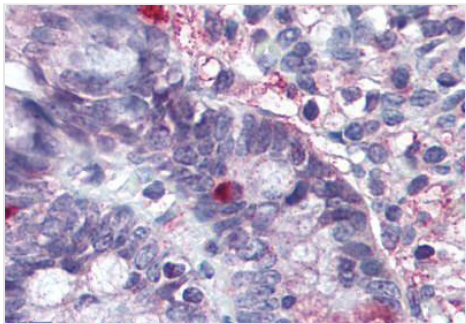
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Human Predicted Reactivity: Monkey, Bat, Bovine, Hamster, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR49 / LGR5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	907
Applicable Applications for anti-GPR49 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 1st cytoplasmic domain of human GPR49 / LGR5. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey (100%); Marmoset, Bovine, Bat (95%); Hamster, Elephant, Panda, Rabbit (90%).
Immunogen Type	Synthetic peptide
Immunogen	GPR49 / LGR5 antibody was raised against synthetic 20 amino acid peptide from 1st cytoplasmic domain of human GPR49 / LGR5. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey (100%); Marmoset, Bovine, Bat (95%); Hamster, Elephant, Panda, Rabbit (90%); Mouse, Rat, Opossum (85%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Human Colon: Formalin-Fixed Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human, Small Intestine: Formalin-Fixed Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-GPR49 antibody	GPR49 is an Orphan-A GPCR with an unknown ligand.
Product Categories/Family for anti-GPR49 antibody	Family: GPCR; Subfamily: Orphan-A

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504379
NCBI GeneID	8549
NCBI Accession #	NP_003658.1
NCBI GenBank Nucleotide #	NM_003667.3
UniProt Accession #	O75473; Q4VAM0; Q4VAM2; Q9UP75; D8MCT0
Molecular Weight	92,006 Da
NCBI Official Full Name	leucine-rich repeat-containing G-protein coupled receptor 5 isoform 1
NCBI Official Synonym Full Names	leucine-rich repeat containing G protein-coupled receptor 5
NCBI Official Symbol	LGR5
NCBI Official Synonym Symbols	FEX; HG38; GPR49; GPR67; GRP49
NCBI Protein Information	leucine-rich repeat-containing G-protein coupled receptor 5; G-protein coupled receptor 49; G-protein coupled receptor 67; G-protein coupled receptor HG38; orphan G protein-coupled receptor HG38; leucine-rich repeat-containing G protein-coupled receptor 5
UniProt Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 5
UniProt Gene Name	LGR5
UniProt Synonym Gene Names	GPR49; GPR67
UniProt Entry Name	LGR5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.