

Rabbit anti-Human, Mouse LGR5 Polyclonal Antibody | anti-LGR5 antibody

LGR5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323611	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

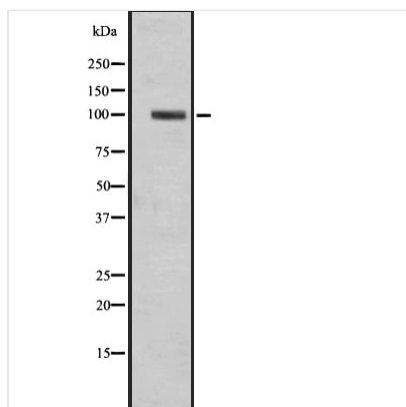
PRODUCT SYNONYMS

LGR5; Polyclonal Antibody; LGR5 Antibody; FEX; G protein coupled receptor 49; G protein coupled receptor 67; g protein-coupled receptor fex; G-protein coupled receptor 49; G-protein coupled receptor 67; G-protein coupled receptor HG38; GPR 49; GPR 67; GPR49; GPR67; GRP 49; GRP49; HG 38; HG38; Leucine rich repeat containing G protein coupled receptor 5; Leucine-rich repeat-containing G-protein coupled receptor 5; LGR 5; LGR5_HUMAN; MGC117008; Orphan G protein coupled receptor HG38; anti-LGR5 antibody

PRODUCT SPECIFICATIONS

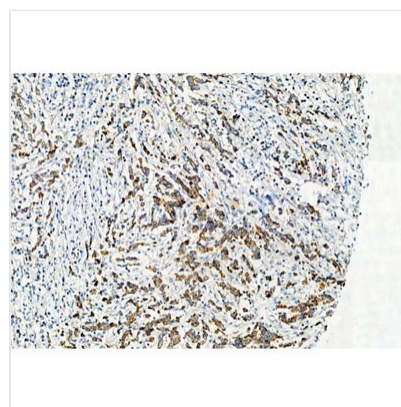
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	LGR5 antibody detects endogenous levels of total LGR5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	883
Applicable Applications for anti-LGR5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LGR5, corresponding to a region within the internal amino acids.

IMAGES



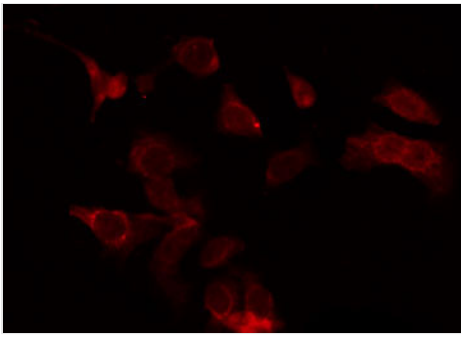
WB (Western Blot)

Western blot analysis of LGR5 expression in K562 cell line lysates; the lane is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323611 at 1/100 staining Human mammary cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA323611 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LGR5 antibody	Description: Orphan receptor. Stem cell marker of the intestinal epithelium and the hair follicle. Target gene of Wnt signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	469608414
NCBI GeneID	8549
NCBI Accession #	NP_001264155.1
NCBI GenBank Nucleotide #	NM_001277226.1
UniProt Accession #	O75473; Q4VAM0; Q4VAM2; Q9UP75; D8MCT0
Molecular Weight	100 kDa
NCBI Official Full Name	leucine-rich repeat-containing G-protein coupled receptor 5 isoform 2
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
UniProt Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 5
UniProt Gene Name	LGR5
UniProt Synonym Gene Names	GPR49; GPR67

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lgr5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323611>