

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

LGR5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA17985	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry

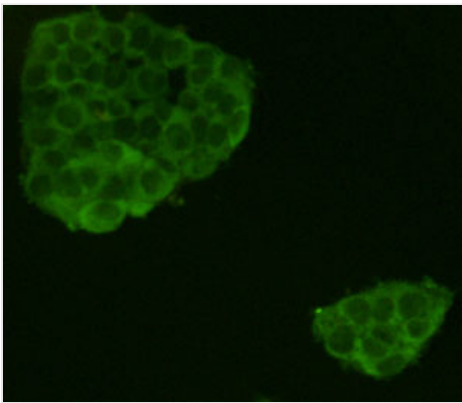
PRODUCT SYNONYMS

LGR5; Polyclonal Antibody; LGR5 Antibody; anti-LGR5 antibody

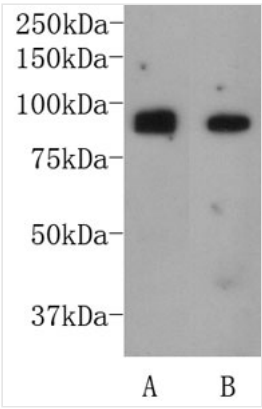
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of LGR5.
Purity/Purification	Immunogen affinity purified
Form/Format	Liquid; 1*TBS (pH7.4), 0.5% BSA, 25% Glycerol, Preservative: 0.05% Sodium Azide.
Sequence Length	883
Applicable Applications for anti-LGR5 antibody	WB (Western Blot), ICC (Immunocytochemistry)
Application Notes	WB: 1:1,000-1:2,000 ICC: 1:50
Cellular Localization	Cell Membrane Cell nucleus
Positive Control	F9, NCCIT
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data
ICC image of LGR5 antibody stained NCCIT cells. The secondary antibody (green) was goat anti-rabbit IgG (H+L) FITC conjugated.



WB (Western Blot)
Western blot analysis on F9 (A) and NCCIT (B) cell lysates using anti-LGR5 rabbit polyclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LGR5 antibody	G-protein coupled receptor GPR49 (also known as Leucine-rich repeat-containing G-protein coupled receptor 5, Lgr5) is a stem cell marker of the intestinal epithelium and the hair follicle. It is expressed in the gonads, the adrenal gland, and in the brain, overexpressed in cancers of the ovary, colon and liver.
Product Categories/Family for anti-LGR5 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	1. Identification of overexpression of orphan G protein-coupled receptor GPR49 in human colon and ovarian primary tumors."McClanahan T., Koseoglu S., Smith K., Grein J., Gustafson E., Black S., Kirschmeier P., Samatar A.A.Cancer Biol. Ther. 5:419-426(2006). 2. "Immunostaining of Lgr5, an intestinal stem cell marker, in normal and premalignant human gastrointestinal tissue."Becker L., Huang Q., Mashimo H.ScientificWorldJournal 8:1168-1176(2008).

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	95kDa
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/Igr5-antibody-western-blot-immunocytochemistry-elisa/17985>