LGR5 Rabbit Polyclonal Antibody

CAB10545



Product Information	Protein Background
Size:	The protein encoded by this gene is a leucine-rich repeat-containing receptor (LGR) and
20uL, 50uL, 100uL, 200uL	member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Wnt signaling pathway. This protein plays a role in the formation and maintenance of adult intestinal stem cells during postembryonic development. Several transcript variants encoding different isoforms have been found for this gene.
Observed MW:	
105kDa	
Calculated MW:	Immunogen information
92kDa/97kDa/99kDa	Gene ID:
Applications:	8549
WB IF	Uniprot
Reactivity:	075473
Human, Mouse, Rat	Synonyms: LGR5; FEX; GPR49; GPR67; GRP49; HG38
Antibody Information	
Recommended dilutions: WB 1:1000 - 1:2000 IF 1:50 - 1:200	Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 824-907 of human LGR5 (NP_003658.1).
Source: Rabbit	
	Storage:
	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%
lsotype: lgG	Sourium azide, 50% giycerol, pm7.5.

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using LGR5 antibody (CAB10545) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

Immunofluorescence analysis of NIH/3T3 cells using LGR5 antibody (CAB10545) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of PC12 cells using LGR5 antibody (CAB10545) at dilution of 1:100.