

LGR4 rabbit monoclonal antibody

Catalog # H00055366-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LGR4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LGR4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LGR4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LGR4

Entrez GeneID [55366](#)

GeneBank Accession# [LGR4](#)

Gene Name LGR4

Gene Alias GPR48

Gene Description leucine-rich repeat-containing G protein-coupled receptor 4

Omim ID [606666](#)

Gene Ontology [Hyperlink](#)

Gene Summary G protein-coupled receptors (GPCRs) play key roles in a variety of physiologic functions. Members of the leucine-rich GPCR (LGR) family, such as GPR48, have multiple N-terminal leucine-rich repeats (LRRs) and a 7-transmembrane domain (Weng et al., 2008 [PubMed 18424556]).[supplied by OMIM]

Other Designations G protein-coupled receptor 48|G-protein-coupled receptor 48

Pathway

- [Neuroactive ligand-receptor interaction](#)