

bs-8609R**[Primary Antibody]****LGR6 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit)
GeneID: 59352	SWISS: Q9HBX8	
Target: LGR6		Predicted MW.: 104 kDa
Immunogen: KLH conjugated synthetic peptide derived from human LGR6: 401-500/967. < Extracellular >		Subcellular Location: Cell membrane
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: G protein-coupled receptors (GPCRs), also designated seven transmembrane (7TM) receptors and heptahelical receptors, are a protein family which interact with G proteins (heterotrimeric GTPases) to synthesize intracellular second messengers such as diacylglycerol, cyclic AMP, inositol phosphates and calcium ions. Their diverse biological functions range from vision and olfaction to neuronal and endocrine signaling and are involved in many pathological conditions. The GPCR family represents the largest class of targets for modern drugs. Leucine-rich repeat-containing G protein-coupled receptor 6 (LGR6) is an orphan-A GPCR with an N-terminal ectodomain comprising variable leucine-rich repeats, a 7TM region and a unique C-terminal intracellular tail. The sequence of LGR6 is similar to TSHR, FSHR and LHR. LGR6 is predominantly expressed in the adrenal gland, ovary and uterus.		