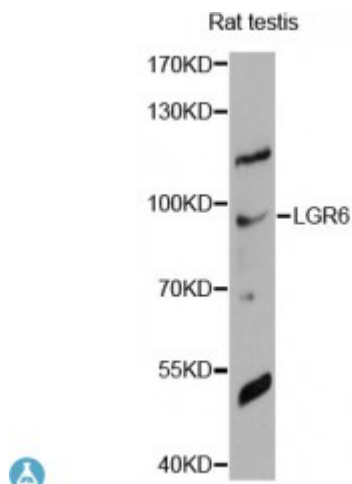


Anti-LGR6 Antibody



Description

This gene encodes a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane protein superfamily. The encoded protein is a glycoprotein hormone receptor with a large N-terminal extracellular domain that contains leucine-rich repeats important for the formation of a horseshoe-shaped interaction motif for ligand binding. Alternative splicing of this gene results in multiple transcript variants.

Model	STJ116106
Host	Rabbit
Reactivity	Human, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 700-800 of human LGR6 (NP_001017404.1).
Gene ID	59352
Gene Symbol	LGR6
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 6
Molecular Weight	104.298 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:19719OMIM:606653Reactome:R-HSA-4641263
Alternative Names	Leucine-rich repeat-containing G-protein coupled receptor 6
Function	Receptor for R-spondins that potentiates the canonical Wnt signaling pathway and acts as a marker of multipotent stem cells in the epidermis, Upon binding to R-spondins (RSPO1, RSPO2, RSPO3 or RSPO4), associates with phosphorylated LRP6 and frizzled receptors that are activated by extracellular Wnt receptors, triggering the canonical Wnt signaling pathway to increase expression of target genes, In contrast to classical G-protein coupled receptors, does not activate heterotrimeric G-proteins to transduce the signal, May act as a tumor suppressor,
Cellular Localization	Cell membrane

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