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GPCR / LGR6 Antibody

Rabbit mAb
Catalog # AP92343

Product Information

Application	WB, IHC, IF, FC, ICC, IHF
Primary Accession	Q9HBX8
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	GPCR; Lgr6;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	104298

Additional Information

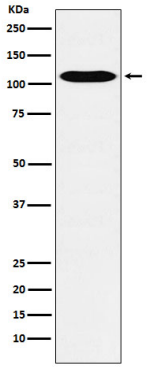
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GPCR / LGR6
Description	Orphan receptor.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	LGR6
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 Location	Cell membrane; Multi-pass membrane protein

Images

Western blot analysis of GPCR / LGR6 expression in HUVEC cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.