

LGR6 Polyclonal Antibody

Catalog # AP70740

Specification

LGR6 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9HBX8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

LGR6 Polyclonal Antibody - Additional Information

Gene ID 59352

Other Names

LGR6; Leucine-rich repeat-containing G-protein coupled receptor 6

Dilution

WB~~Western Blot: 1/500 - 1/2000.
Immunofluorescence: 1/200 - 1/1000.
ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

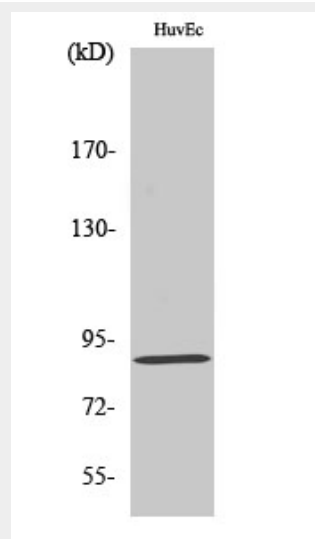
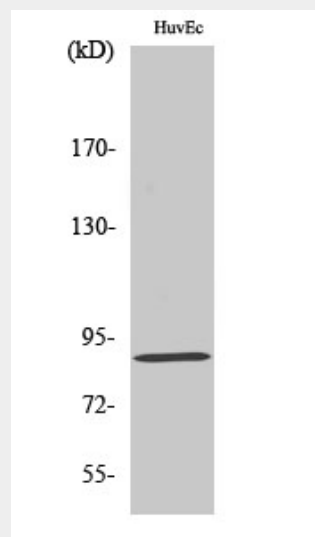
-20°C

LGR6 Polyclonal Antibody - 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



LGR6 Polyclonal Antibody - Background

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heterotrimeric G-proteins to transduce the signal. May act as a tumor suppressor.

Cellular Location

Cell membrane; Multi-pass membrane protein

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.

LGR6 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)