

LGR6 Polyclonal Antibody
Catalog # AP70740**Specification**

LGR6 Polyclonal Antibody - Product Information

Application	WB, IF
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.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) 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 heterotrimeric G-proteins to transduce the signal. May act as a tumor suppressor.

Cellular Location

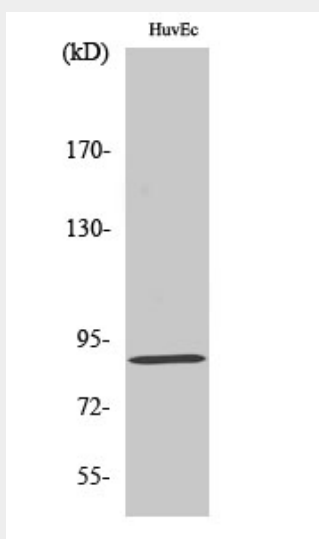
Cell membrane; Multi-pass membrane protein

LGR6 Polyclonal Antibody - Protocols

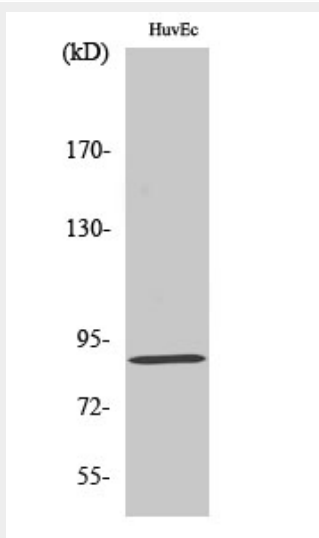
Provided below are standard protocols that you may find useful for product applications.

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

LGR6 Polyclonal Antibody - Images



Western Blot analysis of various cells using LGR6 Polyclonal Antibody diluted at 1:500



Western Blot analysis of various cells using LGR6 Polyclonal Antibody diluted at 1:500

LGR6 Polyclonal Antibody - Background

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.