

LGR6 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS10140**Specification**

LGR6 Antibody (Internal) - Product Information

Application	IHC-P
Primary Accession	Q9HBX8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104kDa KDa
Dilution	IHC-P~~N/A

LGR6 Antibody (Internal) - Additional Information**Gene ID** 59352**Other Names**

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

Target/Specificity

Human LGR6. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

LGR6 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

LGR6 Antibody (Internal) - 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

Volume

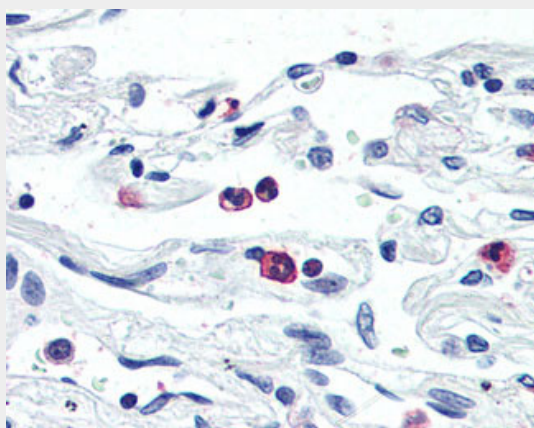
50 µl

LGR6 Antibody (Internal) - Protocols

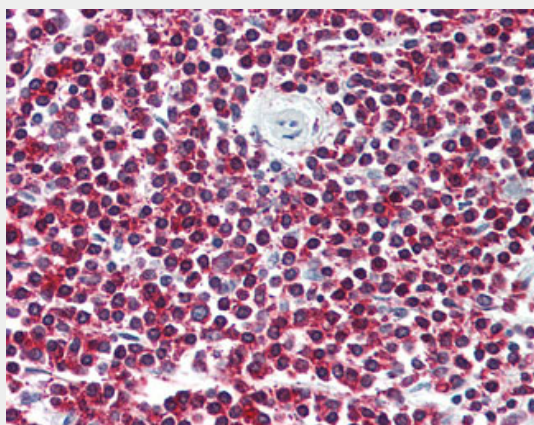
Provided below are standard protocols that you may find useful for product applications.

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

LGR6 Antibody (Internal) - Images



Anti-LGR6 antibody ALS10140 IHC of human neutrophils.



Anti-LGR6 antibody ALS10140 IHC of human spleen.

LGR6 Antibody (Internal) - 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.

LGR6 Antibody (Internal) - References

Hsu S.Y.,et al.Mol. Endocrinol. 14:1257-1271(2000).

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

Gregory S.G.,et al.Nature 441:315-321(2006).

Okaze H.,et al.Submitted (SEP-2000) to the EMBL/GenBank/DDBJ databases.

Takeda S.,et al.FEBS Lett. 520:97-101(2002).