

LGR5 Rabbit Polyclonal Antibody

Catalog No: #29562

Package Size: #29562-1 50ul #29562-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

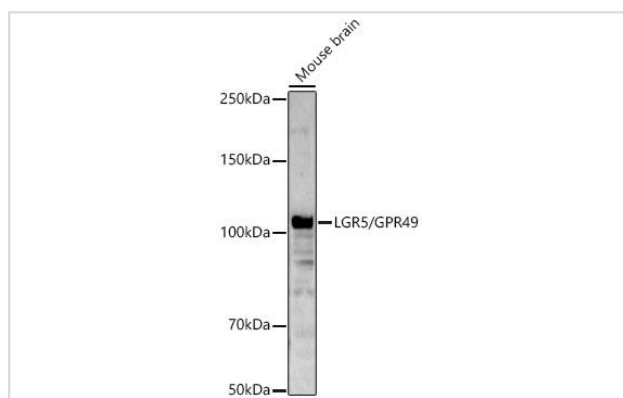
Product Name	LGR5 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB;IHC
Species Reactivity	Mouse;Rat
Immunogen Description	Recombinant fusion protein of human LGR5 (NP_003658.1).
Conjugates	Unconjugated
Other Names	LGR5;FEX;GPR49;GPR67;GRP49;HG38
Accession No.	Swiss Prot:O75473GeneID:8549
Calculated MW	100kDa
SDS-PAGE MW	105kDa
Concentration	2.92 mg/mL
Formulation	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

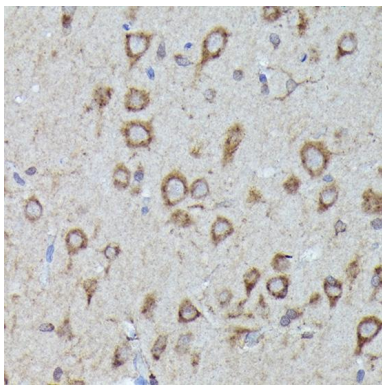
WB 1:1000 - 1:5000;

IHC-P 1:100 - 1:500

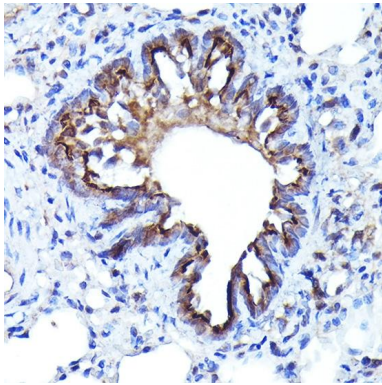
Images



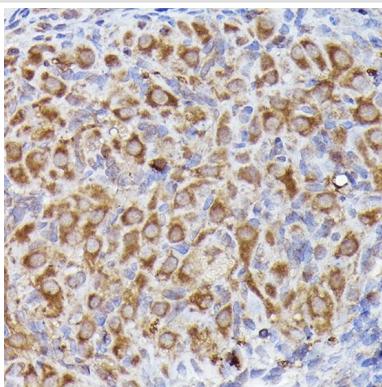
Western blot analysis of lysates from Mouse brain using LGR5/GPR49 Rabbit pAb at 1:2000 dilution.



Immunohistochemistry analysis of paraffin-embedded Rat brain using LGR5/GPR49 Rabbit pAb at dilution of 1:300 (40x lens).



Immunohistochemistry analysis of paraffin-embedded Rat lung using LGR5/GPR49 Rabbit pAb at dilution of 1:300 (40x lens).



Immunohistochemistry analysis of paraffin-embedded Rat ovary using LGR5/GPR49 Rabbit pAb at dilution of 1:300 (40x lens).

Background

The protein encoded by this gene is a leucine-rich repeat-containing receptor (LGR) and member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Wnt signaling pathway. This protein plays a role in the formation and maintenance of adult intestinal stem cells during postembryonic development. Several transcript variants encoding different isoforms have been found for this gene.

Published Papers

Linlin He;Linlin He;Lan Zhang;Lan Zhang;Fanyi Meng;Fanyi Meng;Jingge Wei;Jingge Wei;Fei Chen;Fei Chen;Siqi Qin;Siqi Qin;Ge Jin;Ge Jin;Hailong Cao;Hailong Cao et al., Dietary emulsifier Polysorbate 80-induced lipotoxicity promotes intestinal senescence, , (2025)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.