

LGR5 Rabbit Polyclonal Antibody

Catalog No: #29562



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

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

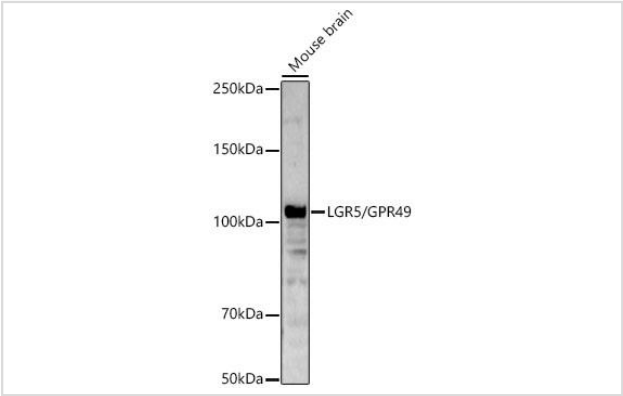
Description

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).
Other Names	LGR5;FEX;GPR49;GPR67;GRP49;HG38
Accession No.	Swiss Prot:O75473GenelD: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.

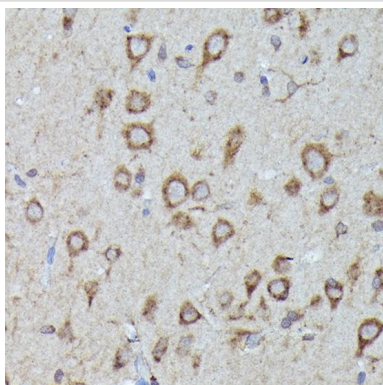
Application Details

WB 1:1000 - 1:5000;
IHC-P 1:100 - 1:500

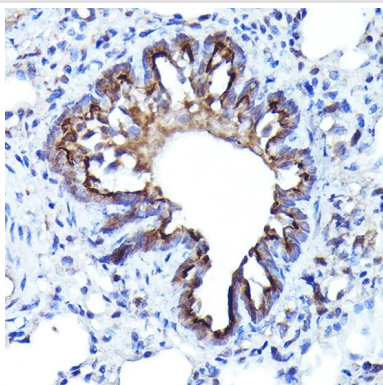
Images



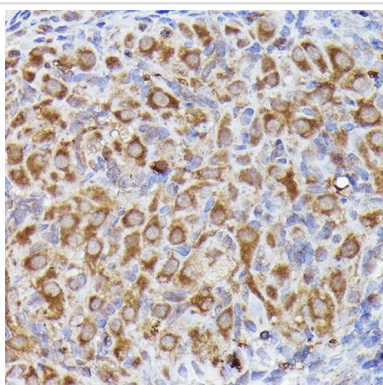
Western blot analysis of lysates from Mouse brain using LGR5/GPR49 Rabbit pAb at 1:2000 dilution.



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.

Note: This product is for in vitro research use only