

LGR5 Rabbit pAb

CatalogNo: YN2558

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 99kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

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

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

LGR5 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

LGR5 GPR49 GPR67

Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 5 (G-protein coupled receptor 49) (G-protein coupled receptor 67) (G-protein coupled receptor HG38)		
	Organism	Gene ID	UniProt ID
	Human	8549;	O75473;
	Mouse		Q9Z1P4;
Cellular Localization	Cell membrane; Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein. Rapidly and constitutively internalized to the trans-Golgi network at steady state. Internalization to the trans-Golgi network may be the result of phosphorylation at Ser-861 and Ser-864; however, the phosphorylation event has not been proven (PubMed:23439653). .		
Tissue specificity	Expressed in skeletal muscle, placenta, spinal cord, and various region of brain. Expressed at the base of crypts in colonic and small mucosa stem cells. In premalignant cancer expression is not restricted to the cript base. Overexpressed in cancers of the ovary, colon and liver.		
Function	Function:Orphan receptor. It may be an important receptor for signals controlling growth and differentiation of specific embryonic tissues.,similarity:Belongs to the G-protein coupled receptor 1 family.,similarity:Contains 17 LRR (leucine-rich) repeats.,tissue specificity:Expressed in skeletal muscle, placenta, spinal cord, and various region of brain.,		

Validation Data

Contact information

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LGR5 Rabbit pAb

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