

GPR48 Polyclonal Antibody

Catalog No :	YT2023
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	GPR48
Fields :	>>Wnt signaling pathway
Gene Name :	LGR4
Protein Name :	Leucine-rich repeat-containing G-protein coupled receptor 4
Human Gene Id :	55366
Human Swiss Prot No :	Q9BXB1
Mouse Swiss Prot No :	A2ARI4
Immunogen :	The antiserum was produced against synthesized peptide derived from human LGR4. AA range:461-510
Specificity :	GPR48 Polyclonal Antibody detects endogenous levels of GPR48 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 100kD

Background : The protein encoded by this gene is a G-protein coupled receptor that binds R-spondins and activates the Wnt signaling pathway. This Wnt signaling pathway activation is necessary for proper development of many organs of the body. [provided by RefSeq, Oct 2016],

Function : function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,similarity:Contains 15 LRR (leucine-rich) repeats.,tissue specificity:Expressed in multiple steroidogenic tissues: placenta, ovary, testis and adrenal. Expressed also in spinal cord, thyroid, stomach, trachea, heart, pancreas, kidney, prostate and spleen.,

Subcellular Location : Cell membrane ; Multi-pass membrane protein .

Expression : Expressed in multiple steroidogenic tissues: placenta, ovary, testis and adrenal. Expressed also in spinal cord, thyroid, stomach, trachea, heart, pancreas, kidney, prostate and spleen.

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