

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

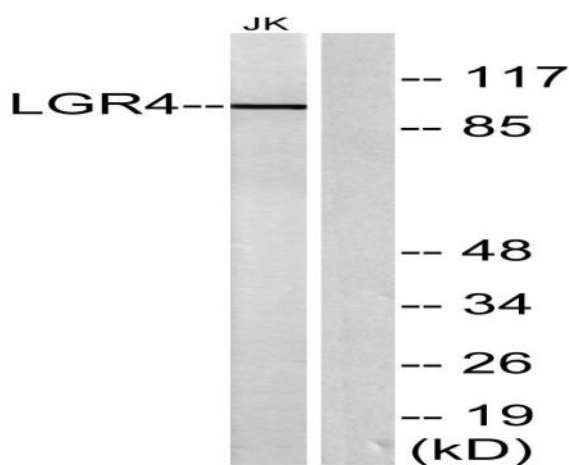
Background : The protein encoded by this gene is a G-protein coupled receptor that binds R-spondins and activates the Wnt signaling pathway. This Wnt signaling pathway activation is necessary for proper development of many organs of the body. [provided by RefSeq, Oct 2016],

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.

Products Images



Western blot analysis of lysates from Jurkat cells, using LGR4 Antibody. The lane on the right is blocked with the synthesized peptide.