



# GPR48 Monoclonal Antibody

Catalog No	BYmab-13341
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	LGR4
Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 4
Immunogen	The antiserum was produced against synthesized peptide derived from human LGR4. AA range:461-510
Specificity	GPR48 Monoclonal Antibody detects endogenous levels of GPR48 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LGR4; GPR48; Leucine-rich repeat-containing G-protein coupled receptor 4; G-protein coupled receptor 48
Observed Band	100kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
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.
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.,
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.

Nanjing BYabscience technology Co.,Ltd



[provided by RefSeq, Oct 2016],

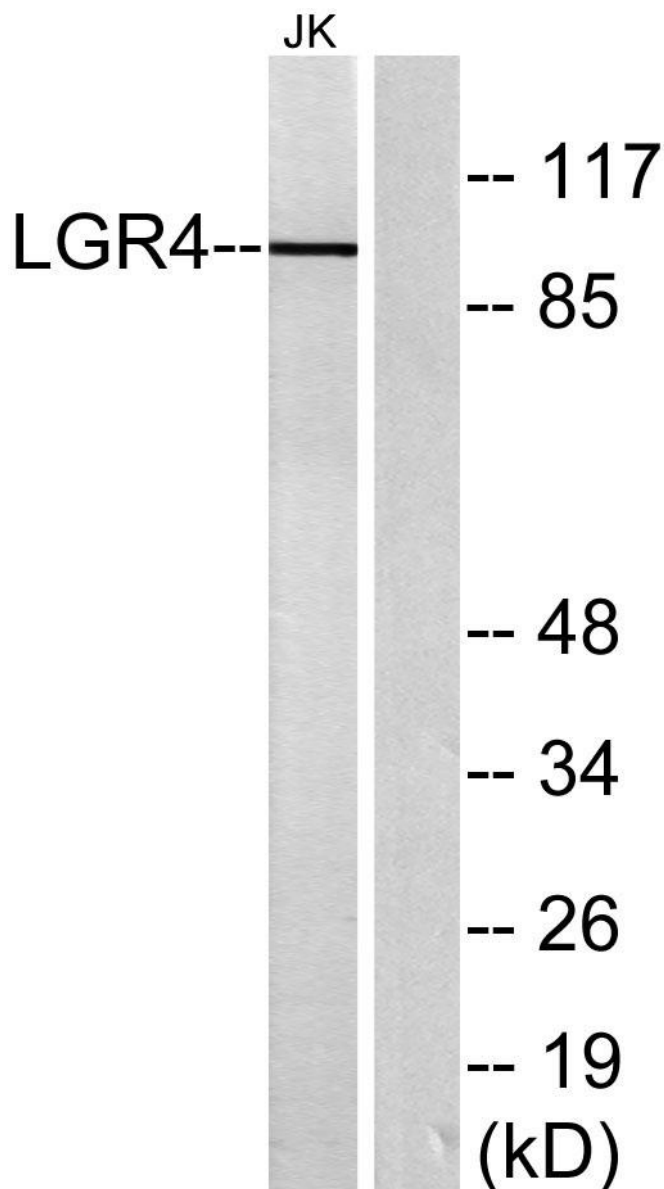
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using GPR48 Monoclonal Antibody

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