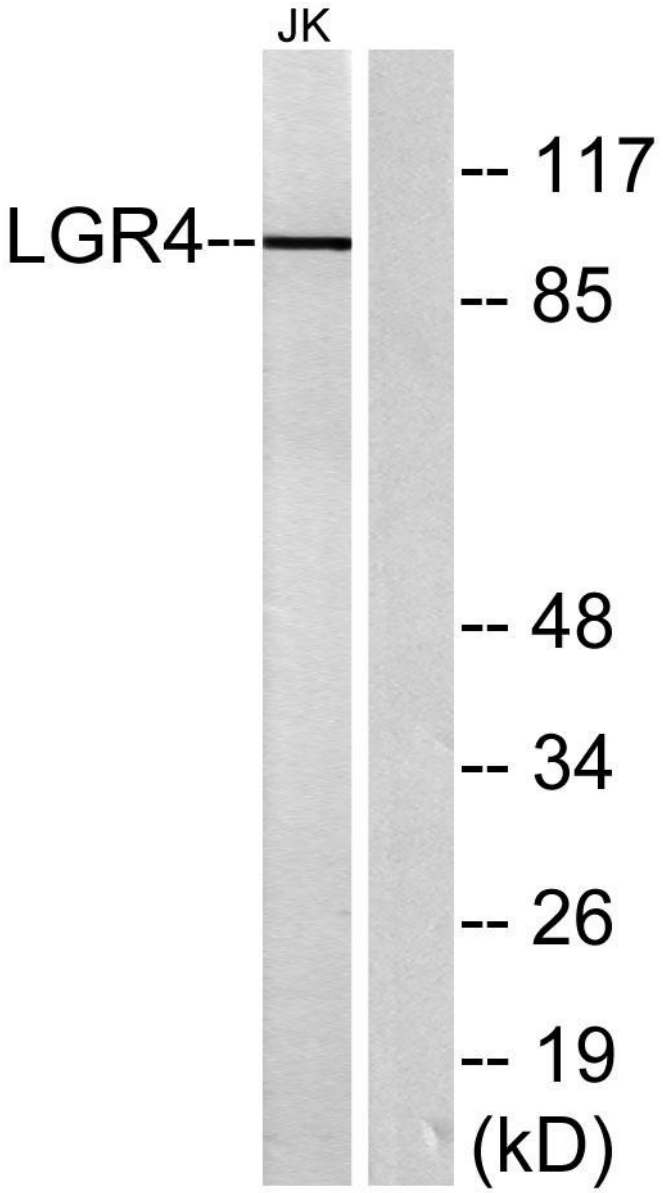
GPR48 Monoclonal Antibody

Catalog No	YP-mAb-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 1:500-1:2000
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. [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