Product datasheet for TA378015S

GPR48 (LGR4) Rabbit Polyclonal Antibody

## Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ICC/IF, WB
Recommended Dilution:	WB,1:1000 - 1:5000 IF/ICC,1:50 - 1:200 ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20℃. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	104kDa
Gene Name:	leucine-rich repeat containing G protein-coupled receptor 4
Database Link:	Entrez Gene 55366 Human Q9BXB1
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.
Synonyms:	GPR48

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Product images:
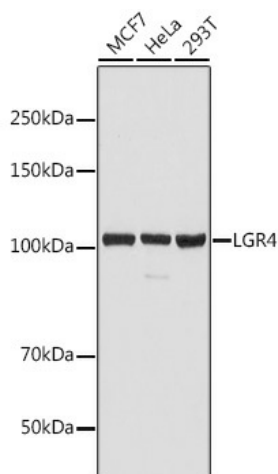
Western blot analysis of various lysates using LGR4 Rabbit pAb ([TA378015]) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.
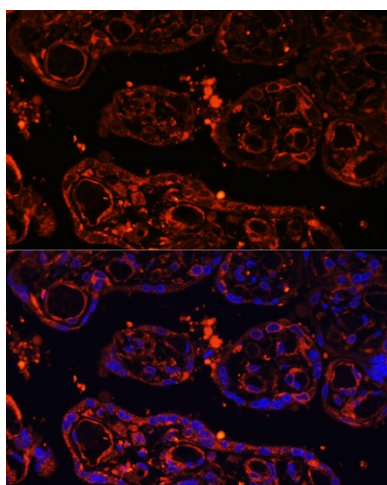
Immunofluorescence analysis of paraffin-embedded human placenta using LGR4 Rabbit pAb ([TA378015]) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.