SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPR114 antibody

Catalog Number: SL15376R

FOR RESEARCH USE ONLY

[DATASHEET]

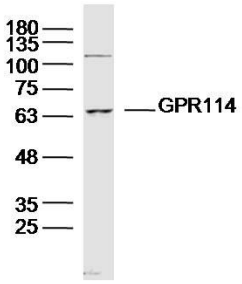
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPR114
Immunogen:	KLH conjugated synthetic peptide derived from human GPR114: 1-100/523 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	57kDa
Subcellular Location:	The cell membrane
Background:	G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR114 (G protein-coupled receptor 114), also known as G-protein coupled receptor PGR27, is a 528 amino acid multi-pass membrane protein belonging to the G-protein coupled receptor 2 family and LN-TM7 subfamily. Containing one GPS domain and mapping to human chromosome 16, GPR114 functions as an orphan receptor. Chromosome 16 encodes over 900 genes, comprises nearly 3% of the human genome and is associated with both Rubinstein-Taybi syndrome and Crohn's disease. **Function:** Orphan receptor.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subcellular Location: Cell membrane; Multi-pass membrane protein. **Similarity:** Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily. Contains 1 GPS domain. **Database links:** **Entrez Gene:** 221188 Human **SwissProt:** Q8IZF4 Human **Unigene:** 187884 Human

[VALIDATION IMAGES]



Sample:
Hela Cell(Human)Lysate at 30 ug
Primary: Anti- GPR114 (SL15376R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 57kD
Observed band size: 67kD

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