SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-GPR114 antibody

SL15376R

Product Name:	GPR114
Chinese Name:	G protein-coupled receptorGPR114蛋白抗体
Alias:	G protein coupled receptor 114; G-protein coupled receptor PGR27; GP114; GP114_HUMAN; GPR114; PGR27; Probable G-protein coupled receptor 114; UNQ2524/PRO6017.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	57kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GPR114:1-100/523<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

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.

SWISS:
Q8IZF4

Gene ID:
221188

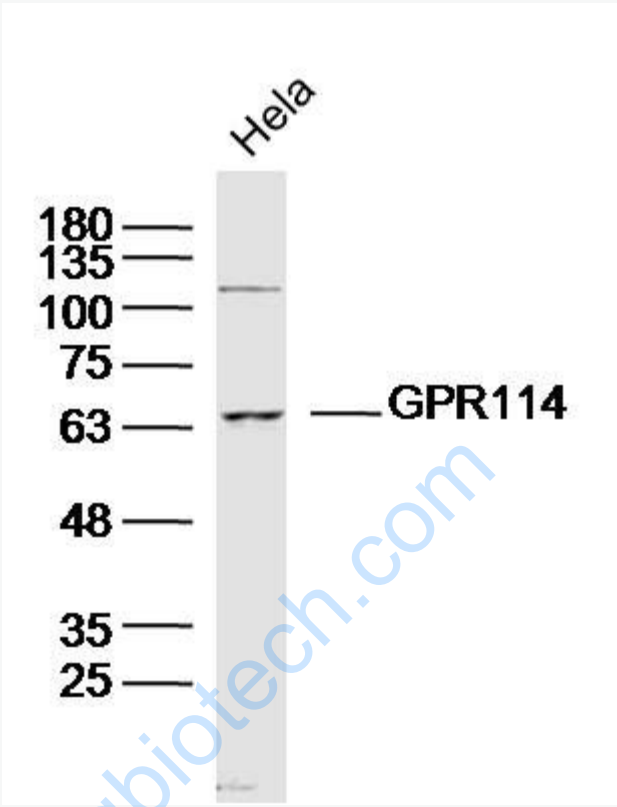
Database links:

Entrez Gene: 221188 Human

SwissProt: Q8IZF4 Human

Unigene: 187884 Human

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

Picture:	 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