SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPCR PGR10/GPCR GPR149 antibody

Catalog Number: SL16271R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPCR PGR10/GPCR GPR149
Immunogen:	KLH conjugated synthetic peptide derived from human GPCR PGR10/GPCR GPR149: 1-100/731 <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 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	91kDa
Subcellular Location:	The cell membrane
Background:	GPR149 (G protein-coupled receptor 149), also known as PGR10 or IEDA, is a 731 amino acid multi-pass membrane protein that functions as an orphan receptor and belongs to the G protein-coupled receptor family. The gene encoding GPR149 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. **Function:** GPCR PGR10 belongs to the G-protein coupled receptor 1 family and is an orphan receptor. PGR10 expression has been documented in rat brain and testis and in chick peripheral nervous system. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Database links:** **Entrez Gene:** 344758 Human **SwissProt:** Q86SP6 Human **Unigene:** 688231 Human

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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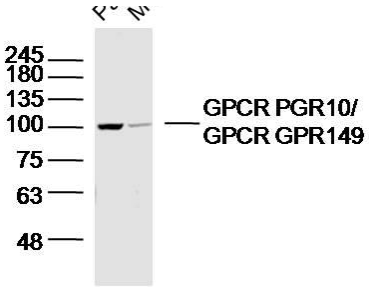
[VALIDATION IMAGES]



Sample:
Panc-1 (Human)Lysate at 40 ug
MCF-7(Human)Lysate at 40 ug
Primary: Anti-GPCR PGR10/GPCR GPR149(SL16271R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 91kD
Observed band size: 100kD

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