SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPCR ORF4/GPCR GPR137 antibody

Catalog Number: SL16270R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPCR ORF4/GPCR GPR137
Immunogen:	KLH conjugated synthetic peptide derived from human GPCR ORF4/GPCR GPR137: 201-300/417 <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:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （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.:	46kDa
Subcellular Location:	The cell membrane
Background:	GPR-137 is a 417 amino acid multi-pass membrane protein that belongs to the GPR-137 family. Existing as three alternatively spliced isoforms, the gene encoding GPR-137 maps to human chromosome 11q13.1. **Subcellular Location:** Membrane. **Similarity:** Belongs to the GPR137 family. **Database links:** **Entrez Gene:** 56834 Human **SwissProt:** Q96N19 Human **Unigene:** 523763 Human

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

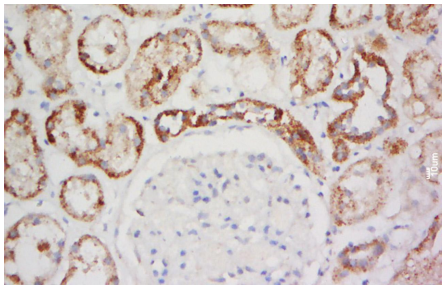
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[VALIDATION IMAGES]



Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-GPCR ORF4/GPCR GPR137 Polyclonal Antibody, Unconjugated(SL16270R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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