

---

## GPCR ORF4/GPCR GPR137 Rabbit pAb

Catalog Number: bs-16270R

Target Protein: GPCR ORF4/GPCR GPR137

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human

Predicted MW: 46 kDa

Subcellular: Cell membrane

Locations:

Entrez Gene: 56834

Swiss Prot: Q96N19

Source: KLH conjugated synthetic peptide derived from human GPCR ORF4/GPCR GPR137:  
201-300/417.

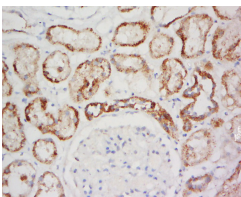
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

### VALIDATION IMAGES



Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, 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°C for 20 min; Incubation: Anti-GPCR ORF4/GPCR GPR137 Polyclonal Antibody, Unconjugated(bs-16270R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

### PRODUCT SPECIFIC PUBLICATIONS

---

[IF=11.4] Chao Tang. et al. GPR137-RAB8A activation promotes ovarian cancer development via the Hedgehog pathway J EXP CLIN CANC RES. 2025 Jan 24;44(1):22. IHC ; Human . 39856733

[IF=5.722] Lin Li. et al. ALKBH1 contributes to renal cell carcinoma progression by reducing N6-methyladenine of GPR137. EUR J CLIN INVEST. 2023 Mar;;e13986 IHC,WB ; Human . 36920340

[IF=5.5] Li Lin. et al. GPR137 inactivates Hippo signaling to promote gastric cancer cell malignancy. BIOL DIRECT. 2024 Dec;19(1):1-16 WB ; Human . 38163861