SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPR176 antibody

Catalog Number: SL15387R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPR176
Immunogen:	KLH conjugated synthetic peptide derived from human GPR176: 131-230/515 <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 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,Mouse(predicted:Rat,Pig,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	57kDa
Subcellular Location:	The cell membrane
Background:	GPR176 is a Members of the G protein-coupled receptor family, such as GPR176, are cell surface receptors involved in responses to hormones, growth factors, and neurotransmitters (Hata et al., 1995 [PubMed 7893747]).[supplied by OMIM, Jul 2008]. **Function:** Orphan receptor. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Similarity:** Belongs to the G-protein coupled receptor 1 family. **Database links:** **Entrez Gene:** 11245 Human **Entrez Gene:** 381413 Mouse **Entrez Gene:** 117257 Rat

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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	Omim: 612183 Human **SwissProt:** Q14439 Human **SwissProt:** Q80WT4 Mouse **SwissProt:** Q64017 Rat **Unigene:** 37196 Human **Unigene:** 70979 Mouse **Unigene:** 44656 Rat

[VALIDATION IMAGES]

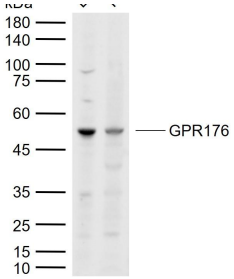


Figure 1. Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Heart tissue lysates Primary: Anti-GPR176 (SL15387R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kDa Observed band size: 53 kDa

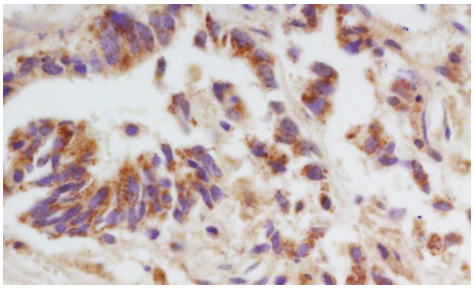


Figure 2. Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-GPR176 Polyclonal Antibody, Unconjugated(SL15387R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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