

**bs-15392R**

**[ Primary Antibody ]**

## GPR91 Rabbit pAb

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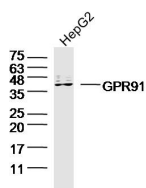
techsupport@bioss.com.cn

400-901-9800

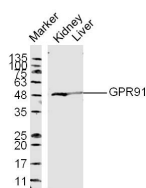
### — DATASHEET —

|  |                      |   |
|--|----------------------|---|
| <b>Host:</b> Rabbit  | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>WB</b> (1:500-2000)<br><b>IHC-P</b> (1:100-500)<br><b>IHC-F</b> (1:100-500)<br><b>IF</b> (1:100-500)<br><br><b>Reactivity:</b> Human, Mouse<br><br><b>Predicted MW.:</b> 39 kDa<br><br><b>Subcellular Location:</b> Cell membrane |
| <b>Clonality:</b> Polyclonal   |                      |   |
| <b>GeneID:</b> 56670   | <b>SWISS:</b> Q9BXA5 |   |
| <b>Target:</b> GPR91   |                      |   |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human GPR91: 131-334/334. < Extracellular >  |                      |   |
| <b>Purification:</b> affinity purified by Protein A  |                      |   |
| <b>Concentration:</b> 1mg/ml   |                      |   |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.   |                      |   |
| <b>Background:</b> This gene encodes a G-protein-coupled receptor for succinate, an intermediate molecule of the citric acid cycle. It is involved in the promotion of hematopoietic progenitor cell development, and it has a potential role in renovascular hypertension which has known correlations to renal failure, diabetes and atherosclerosis. [provided by RefSeq, Oct 2009] |                      |   |

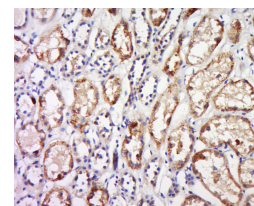
### — VALIDATION IMAGES —



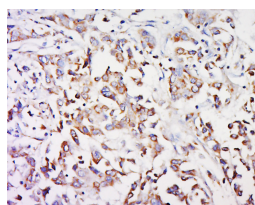
Sample: HepG2 Cell (Human) Lysate at 40 ug  
Primary: Anti-GPR91(bs-15392R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39kD  
Observed band size: 39kD



Protein: 1.kidney lyates(mo);2.liver lyates(mo);  
Primary: Rabbit Anti-GPR91 (bs-15392R) at 1:300;  
Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1: 10000; Predicted band size:39 kD Observed band size:49 kD



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-GPR91 Polyclonal Antibody, Unconjugated(bs-15392R) 1:600, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human breast cancer; 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-GPR91 Polyclonal Antibody,

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Unconjugated(bs-15392R) 1:600, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining