### bs-13507R

## [ Primary Antibody ]

# GPR84 Rabbit pAb



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– DATASHEET –––––		400-901-9800
Host: Rabbit	lsotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat
Target: GPR84	<b>2M122:</b> 6AW622	Dog, Horse, Monkey)
Immunogen: KLH conjugated synthetic peptide derived from human GPCR EX33/GPR84: 1-100/396. < Extracellular >		Predicted MW.: <sup>44 kDa</sup>
Purification: affinity purified by Protein A		Subcellular
Concentration: 1mg/ml		Location: Cell membrane
Storage: 0.01M TBS (pH7.4) Glycerol. Shipped at 4°C. St freeze/thaw cycle	) with 1% BSA, 0.02% Proclin300 and 50% ore at -20°C for one year. Avoid repeated s.	
<b>Background:</b> G protein-coupled transmembrane ( protein family wh GTPases) to synth diacylglycerol, cyd Their diverse biold to neuronal and e pathological cond of the GCPR 1 fam marrow, brain, he placenta, intesting activated T cells, 0	I receptors (GPCRs), also designated seven 7TM) receptors and heptahelical receptors, a ich interact with G proteins (heterotrimeric esize intracellular second messengers such clic AMP, inositol phosphates, and calcium ic ogical functions range from vision and olfact ndocrine signaling and are involved in many litions. G protein receptor 84 (GPR84), a men ily, is an orphan GCPR expressed in bone art, muscle, colon, thymus, spleen, kidney, li e, lung and peripheral blood leukocytes. In GPR84 regulates early interleukin-4 (IL-4) ger	are a as ons. ion nber iver, ne

### - VALIDATION IMAGES -

expression



Sample: SP2/0 (mouse)Cell Lysate at 40 ug Lung(mouse) Lysate at 40 ug HL-60 (human)Cell Lysate at 40 ug Muscle (mouse) Lysate at 40 ug Primary: Anti- GPR84 (bs-13507R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44kD Observed band size: 44 kD



Sample: bone (Rat) Lysate at 40 ug Primary: Anti-GPR84 (bs-13507R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44kD Observed band size: 44 kD

#### - SELECTED CITATIONS -

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- [IF=5.893] Yongxiang Li. et al. Food reward depends on TLR4 activation in dopaminergic neurons. Pharmacol Res. 2021 Jul;169:105659 WB ;Mouse. 33971268

- [IF=5.561] Weijie Zhao. et al. Mannan Oligosaccharides Promoted Skeletal Muscle Hypertrophy through the Gut Microbiome and Microbial Metabolites in Mice. FOODS. 2023 Jan;12(2):357 WB ;MOUSE. 36673449
- [IF=6.4] Zheng Yanan. et al. Targeting GPR84 to alleviate acute immune-mediated liver injury. MOL MED. 2025 Dec;31(1):1-15 WB,IHC ;MOUSE. 40369402