

bs-13528R**[Primary Antibody]****GPR27 Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

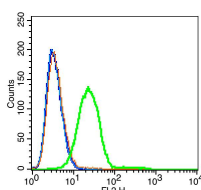
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

DATASHEET

Host: Rabbit	Isotype: IgG	Applications: Flow-Cyt (3µg/Test)
Clonality: Polyclonal		Reactivity: Rat (predicted: Human, Mouse, Cow)
GeneID: 2850	SWISS: Q9NS67	
Target: GPR27		Predicted MW.: 40 kDa
Immunogen: KLH conjugated synthetic peptide derived from human SREB1: 251-350/375. < Extracellular >		Subcellular Location: Cell membrane
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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: G protein-coupled receptors (GPRs) are a protein family of transmembrane receptors that transmit an extracellular signal (ligand binding) into an intracellular signal (G protein activation). GPR signaling is an evolutionarily ancient mechanism used by all eukaryotes to sense environmental stimuli and mediate cell-cell communication. GPRs all have seven membrane-spanning domains and extracellular loops that can be glycosylated. These extracellular loops also contain two highly conserved cysteine residues which create disulfide bonds to stabilize the receptor structure. SREB1 (super conserved receptor expressed in brain 1), also known as GPR27 (G protein-coupled receptor 27), belongs to the SREB subfamily of GPRs that are expressed in the central nervous system. SREB1 may function as an amine-like GPR.		

VALIDATION IMAGES

Blank control: RSC96 cells(blue). Primary Antibody: Rabbit Anti- GPR27 antibody(bs-13528R), Dilution: 5µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG (orange) ,used under the same conditions. Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

SELECTED CITATIONS

- **[IF=5.2]** Jun Pan. et al. Prognostic significance and immune characteristics of GPR27 in gastric cancer. AGING-US. 2023 Sep 15; 15(17): 9144–9166 IHC ;Human. 37702614