

bs-13527R**[Primary Antibody]****GPR26 Rabbit pAb****Bioss**
ANTIBODIES

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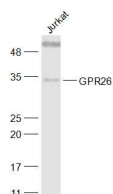
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DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Pig, Sheep, Cow, Dog, Horse)
GeneID: 2849	SWISS: Q8NDV2	Predicted MW.: 38 kDa
Target: GPR26		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human G protein-coupled receptor 26: 101-200/337. < 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°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 ancient evolutionary mechanism used by all eukaryotes to sense environmental stimuli and mediate cell-cell communication. GPRs have seven membrane-spanning domains and the extracellular domains are often glycosylated. These extracellular loops also contain two highly conserved cysteine residues which create disulfide bonds to stabilize the receptor structure. GPR26 (G-protein coupled receptor 26) is a 337 amino acid protein that is primarily expressed in regions of the brain. GPR26 is characterized as an 'orphan' G protein-coupled receptor, which is a receptor that binds an unidentified natural ligand. Due to evidence of GPR26 being downregulated in glioblastomas, it has been suggested that GPR26 may be a suppressor of early glioma development.		

VALIDATION IMAGES

Sample: Jurkat(Human) Cell Lysate at 30 ug
Primary: Anti-GPR26 (bs-13527R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD Observed band size: 34 kD