

bs-12020R**[Primary Antibody]****GPR101 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Sheep, Dog) Predicted MW.: 57 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 83550	SWISS: Q96P66	
Target: GPR101		
Immunogen: KLH conjugated synthetic peptide derived from human GPR101: 1-100/508. < 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), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR101 (G protein-coupled receptor 101), also known as GPCR6, is a 508 amino acid multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family. GPR101 functions as an orphan receptor that is thought to play a role in signaling events throughout the cell. Expressed predominantly in brain, GPR101 participates in a wide range of activities in the CNS via modulation of cAMP levels.		