

bs-15390R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

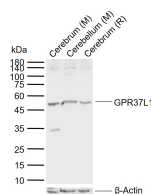
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

GPR37L1 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse, Rat (predicted: Human)
GeneID: 9283	SWISS: O60883	
Target: GPR37L1		Predicted MW.: 50 kDa
Immunogen: KLH conjugated synthetic peptide derived from human GPR37L1: 101-200/481. < 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), 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. GPR37L1 (GPR 37-like 1), also known as ETBRLP2 (endothelin B receptor-like protein 2), is a 481 amino acid multi-pass membrane protein that belongs to the GPR1 family. Expressed in the central nervous system, GPR37L1 functions as an orphan receptor and is encoded by a gene that maps to human chromosome 1q32.1.		

VALIDATION IMAGES

Sample: Lane 1: Mouse Cerebrum tissue lysates

Lane 2: Mouse Cerebellum tissue lysates Lane 3:

Rat Cerebrum tissue lysates Primary: Anti-

GPR37L1 (bs-15390R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 50 kDa

Observed band size: 50 kDa

SELECTED CITATIONS

- **[IF=15.9]** Sangsu Bang. et al. Satellite glial GPR37L1 and its ligand maresin 1 regulate potassium channel signaling and pain homeostasis. J CLIN INVEST. 2024 Mar; WB,CoIP ;Mouse. 38530364
- **[IF=2.586]** Kai Kitamura. et al. Expression patterns of prosaposin and its receptors, G protein-coupled receptor (GPR) 37 and GPR37L1, in the mouse olfactory organ. TISSUE CELL. 2023 Jun;82:102093 IF ;Mouse. 37075680
- **[IF=1.049]** Sonjoy SARKAR. et al. Expression of the G protein-coupled receptor (GPR) 37 and GPR37L1 in the mouse digestive system. 2020 Nov 18 WB,IHC ;Mouse. 33208571

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.