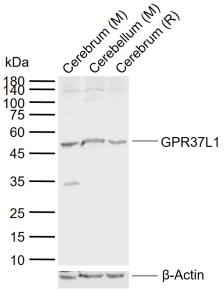
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

GPR37L1 Rabbit pAb

Catalog Number:	bs-15390R
Target Protein:	GPR37L1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Mouse, Rat (predicted:Human)
Predicted MW:	50 kDa
Subcellular Locations:	Cell membrane
Entrez Gene:	9283
Swiss Prot:	O60883
Source:	KLH conjugated synthetic peptide derived from human GPR37L1: 101-200/481.
Purification:	affinity purified by Protein A
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

PRODUCT SPECIFIC PUBLICATIONS

[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