抗人GPR37L1多克隆抗体

Anti-Human GPR37L1 Polyclonal Antibody

货号：RB9T37037049

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37037049

中文名称
抗人GPR37L1多克隆抗体

英文名称
Anti-Human GPR37L1 Polyclonal Antibody

形态
Liquid

内毒素水平
Please contact with the lab for this information.

应用
ELISA, IHC, WB

登录号
O60883

宿主种属
Rabbit

克隆性
Polyclonal

抗体亚型
IgG

纯化方式
Purified by antigen affinity column.

种属反应性
Human

靶标
ETBR-LP-2, ETBRLP2, Endothelin B receptor-like protein 2, G-protein coupled receptor 37-like 1, GPR37L1

免疫原
E. coli - derived recombinant Human GPR37L1 (Ala26-Met134).

产品使用说明

ELISA:1:5000-1:20000;IHC:1:50-1:500;WB:1:500-1:2000

背景信息

G-protein coupled receptor 37-like 1 (GPR37L1) is a ~52 kDa protein. G-protein coupled receptor. Has been shown to bind the neuroprotective and glioprotective factor prosaposin (PSAP), leading to endocytosis followed by an ERK phosphorylation cascade. However, other studies have shown that prosaposin does not increase activity. It has been suggested that GPR37L1 is a constitutively active receptor which signals through the guanine nucleotide-binding protein G(s) subunit alpha. Participates in the regulation of postnatal cerebellar development by modulating the Shh pathway.

1. Coleman, JL. et al. (2016) Science signaling 9, ra36. PMID: 27072655

2. Meyer, RC. et al. (2013) Proceedings of the National Academy of Sciences of the United States of America 110, 9529-34. PMID: 23690594

3. Giddens, MM. et al. (2017) Neurobiology of disease 106, 181-190. PMID: 28688853

储存缓冲液

0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.

For research use only