
GPR105 Rabbit pAb

Catalog Number: bs-12028R

Target Protein: GPR105

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: 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)

Predicted MW: 39 kDa

Subcellular Cell membrane

Locations:

Entrez Gene: 9934

Swiss Prot: Q15391

Source: KLH conjugated synthetic peptide derived from human G-protein coupled receptor 105: 125-230/338.

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: GPR105 is widely expressed throughout many brain regions where it localizes to glial cells, and specifically co-localizes with astrocytes. GPR105 is upregulated when a tissue is immunologically challenged with lipopolysaccharide, leading to the theory that GPR105 may play an important role in modulating peripheral and neuroimmune function.

PRODUCT SPECIFIC PUBLICATIONS

[IF=16.6] Liu Chunxiao. et al. Targeting P2Y14R protects against necroptosis of intestinal epithelial cells through PKA/CREB/RIPK1 axis in ulcerative colitis. NAT COMMUN. 2024 Mar;15(1):1-16 WB ; Mouse,Human . 38453952