bs-12028R **[Primary Antibody]**

P2RY14 | P2Y14 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 9934 **SWISS:** Q15391

Target: P2RY14 | P2Y14

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

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 Location: Cell membrane

SELECTED CITATIONS

- **[IF=35.6]** Yafei Fang. et al. Targeting P2Y14R alleviates platelet-induced NET formation and venous thrombosis through PKA/AKAP13/RhoA axis. EUR HEART J. 2025 Oct WB ;Human. 41143464
- **[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
- **[IF=14.7]** Chunxiao Liu. et al.Targeting P2Y$_{14}$R protects against necroptosis of intestinal epithelial cells through PKA/CREB/RIPK1 axis in ulcerative colitis.nature communications.2024 Mar 7;15(1):2083. Western blot ;Mouse. 38453952

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