

bs-13136R**[Primary Antibody]****FAM134B Rabbit pAb****Bioss**
ANTIBODIES

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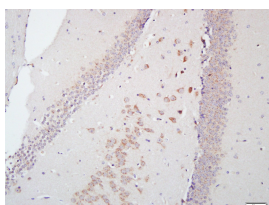
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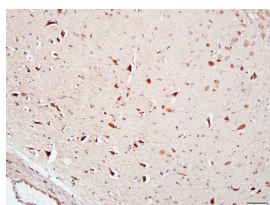
400-901-9800

— DATASHEET —

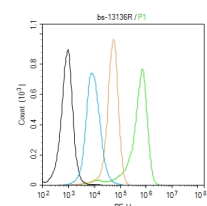
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 54463	SWISS: Q9H6L5	IF (1:100-500)
Target: FAM134B		Flow-Cyt (0.2ug/test)
Immunogen: KLH conjugated synthetic peptide derived from human FAM134B: 210-310/497.		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Cow)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 55 kDa
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.		Subcellular Location: Cell membrane ,Cytoplasm
Background: Required for long-term survival of nociceptive and autonomic ganglion neurons.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM134B) Polyclonal Antibody, Unconjugated (bs-13136R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



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U-937 cells were fixed with 4% PFA for 10min at room temperature, permeabilized with 20% PBST for 20 min at room temperature, and incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with FAM134B Antibody(bs-13136R) at 1:500 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2%BSA in PBS, followed by secondary antibody incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).

— SELECTED CITATIONS —

- **[IF=6.9]** Zhu Yue-qin. et al. Acid-sensing ion channel 1a promotes alcohol-associated liver disease in mice via regulating endoplasmic reticulum autophagy. ACTA PHARMACOL SIN. 2024 Nov;;1-13 IHC,IF ;Mouse. 39592735
- **[IF=6.384]** Yiyuan Yang. et al. Apelin-13/APJ induces cardiomyocyte hypertrophy by activating the Pannexin-1/P2X7 axis and FAM134B-dependent reticulophagy. 2022 Feb 06 WB,IF ;Rat,Mouse. 35128666