

bs-9506R**[Primary Antibody]****Bioss**
ANTIBODIES

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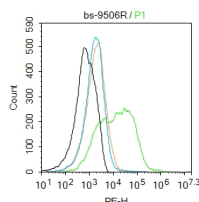
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PROCR Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: Flow-Cyt (3ug/Test)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat)
GeneID: 10544	SWISS: Q9UNN8	
Target: PROCR		Predicted MW.: 25 kDa
Immunogen: KLH conjugated synthetic peptide derived from human PROCR: 1-100/238. < Extracellular >		Subcellular Location: Cytoplasm
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: The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy. The encoded protein may also play a role in malarial infection and has been associated with cancer. [provided by RefSeq, Jul 2013]		

VALIDATION IMAGES

Blank control: Mouse kidney. Primary Antibody (green line): Rabbit Anti-PROCR antibody (bs-9506R) Dilution: 3µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1µg /test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=16]** Jianfei Yan. et al. Calcified apoptotic vesicles from PROCR+ fibroblasts initiate heterotopic ossification. J EXTRACELL VESICLES. 2024 Apr;13(4):e12425 FCM ;Rat. 38594791
- **[IF=3.24]** Se Eun Ha. et al. Transcriptome profiling of subepithelial PDGFRα cells in colonic mucosa reveals several cell-selective markers. PLOS ONE. 2022 May;17(5):e0261743 IHC ;Mouse. 35560163
- **[IF=1.2]** Zhao, Dongmei, et al. "Unfractionated heparin protects the protein C system against

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lipopolysaccharide-induced damage in vivo and in vitro." Experimental and Therapeutic Medicine. WB ;="Human". 10.3892/etm.2017.5236

- **[IF=1.26]** Zhao et al. Unfractionated heparin protects the protein C system against lipopolysaccharide-induced damage in vivo and in vitro. (2017) Exp. Ther. Med. 14:5515-5522 WB ;Human. 29285085