

**bs-9188R****[ Primary Antibody ]****PROCA1 Rabbit pAb****BioSS**  
**ANTIBODIES**

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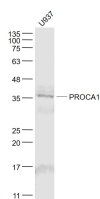
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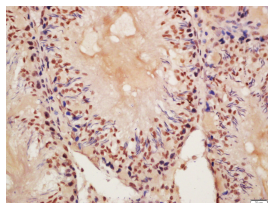
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 147011	<b>SWISS:</b> Q8NCQ7	<b>IHC-F</b> (1:100-500)
<b>Target:</b> PROCA1		<b>IF</b> (1:50-200)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PROCA1: 201-300/364.		<b>Reactivity:</b> Human, Rat (predicted: Mouse, Pig, Sheep, Cow, Dog, Horse)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 41 kDa
<b>Storage:</b> 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.		<b>Subcellular Location:</b> Nucleus
<b>Background:</b> May function as a transcription repressor. Suppresses osteogenic effects of RUNX2. Binds to 5'-CCACA-3' core sequence. May be involved in osteoblastic differentiation.		

**— VALIDATION IMAGES —**

Sample: U937(Human) Cell Lysate at 30 ug  
 Primary: Anti- PROCA1 (bs-9188R) at 1/1000  
 dilution Secondary: IRDye800CW Goat Anti-  
 Rabbit IgG at 1/20000 dilution Predicted band  
 size: 41 kD Observed band size: 37 kD



Tissue/cell: rat testis tissue; 4%  
 Paraformaldehyde-fixed and paraffin-  
 embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block  
 endogenous peroxidase by 3% Hydrogen  
 peroxide for 30min; Blocking buffer (normal goat  
 serum,C-0005) at 37°C for 20 min; Incubation:  
 Anti-PROCA1 Polyclonal Antibody,  
 Unconjugated(bs-9188R) 1:200, overnight at 4°C,  
 followed by conjugation to the secondary  
 antibody(SP-0023) and DAB(C-0010) staining