

**bs-9354R****[ Primary Antibody ]****PSMA5 Rabbit pAb****Bioss**  
**ANTIBODIES**

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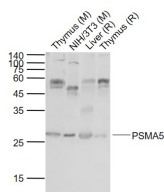
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Chicken)
<b>GeneID:</b> 5686	<b>SWISS:</b> P28066	<b>Predicted MW.:</b> 26.5 kDa
<b>Target:</b> PSMA5		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PSMA5: 31-130/241.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<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>Background:</b> The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Thymus (Mouse) Tissue Lysate at 40 ug  
Lane 2: NIH/3T3 (Mouse) Cell Lysate at 30 ug  
Lane 3: Liver (Rat) Tissue Lysate at 40 ug  
Lane 4: Thymus (Rat) Tissue Lysate at 40 ug  
Primary: Anti-PSMA5 (bs-9354R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 26.5 kD  
Observed band size: 27 kD

**— SELECTED CITATIONS —**

- **[IF=3]** Xin Wang, et al. Knockout of C6orf120 in Rats Alleviates Concanavalin A-induced Autoimmune Hepatitis by Regulating Macrophage Polarization. BIOMED ENVIRON SCI. 2024 Jun 20;37(6):594-606 WB ;Rat. 38988110