

**bs-7653R****[ Primary Antibody ]****DNase gamma Rabbit pAb****Bioss**  
**ANTIBODIES**

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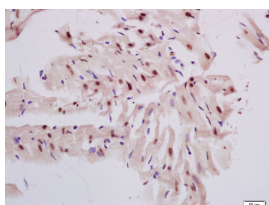
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:400-800) IHC-F (1:400-800) IF (1:100-500)  <b>Reactivity:</b> Rat (predicted: Human, Mouse)  <b>Predicted MW.:</b> 36 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1776	<b>SWISS:</b> Q13609	
<b>Target:</b> DNase gamma		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human DNase gamma: 151-250/305.		
<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> Has DNA hydrolytic activity. Does not bind to actin. Cleaves chromatin DNA to nucleosomal units.		

**— VALIDATION IMAGES —**

Tissue/cell: rat heart 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-DNase gamma Polyclonal Antibody, Unconjugated (bs-7653R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=8.786]** Julia Elrod. et al. Murine scald models characterize the role of neutrophils and neutrophil extracellular traps in severe burns. FRONT IMMUNOL. 2023; 14: 1113948 IF ;Mouse. 36825027
- **[IF=5.6]** Antonia Kiwit. et al. The Dual Role of Neutrophil Extracellular Traps (NETs) in Sepsis and Ischemia-Reperfusion Injury: Comparative Analysis across Murine Models. INT J MOL SCI. 2024 Jan;25(7):3787 IF ;Mouse. 38612596