

bs-7653R**[Primary Antibody]****BioSS**
ANTIBODIES

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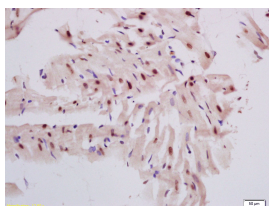
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

DNase gamma Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:400-800) IHC-F (1:400-800) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse) Predicted MW.: 36 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 1776	SWISS: Q13609	
Target: DNase gamma		
Immunogen: KLH conjugated synthetic peptide derived from human DNase gamma: 151-250/305.		
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: 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