

bs-10754R**[Primary Antibody]****DNA Ligase III Rabbit pAb****BioSS**
ANTIBODIES

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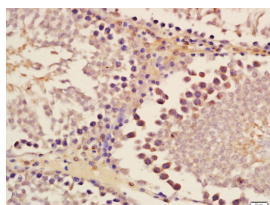
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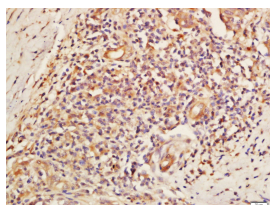
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Chicken) Predicted MW.: 113 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 3980	SWISS: P49916	
Target: DNA Ligase III		
Immunogen: KLH conjugated synthetic peptide derived from human DNA Ligase III: 701-800/1009.		
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: Interacts with DNA-repair protein XRCC1 and can correct defective DNA strand-break repair and sister chromatid exchange following treatment with ionizing radiation and alkylating agents.		

— VALIDATION IMAGES —

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-DNA Ligase III Polyclonal Antibody, Unconjugated(bs-10754R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human laryngeal 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-DNA Ligase III Polyclonal Antibody, Unconjugated(bs-10754R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining