

bs-2295R**[Primary Antibody]****Ku70 / XRCC6 Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

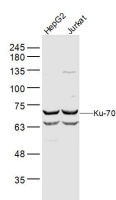
sales@bioss.com.cn

techsupport@bioss.com.cn

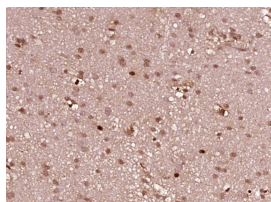
400-901-9800

— DATASHEET —

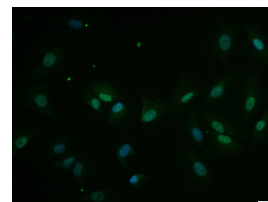
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100)
Clonality: Polyclonal		
GeneID: 2547	SWISS: P12956	
Target: Ku70 / XRCC6		
Immunogen: KLH conjugated synthetic peptide derived from human Ku-70: 231-330/609.		
Purification: affinity purified by Protein A		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Horse)
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: The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus. [provided by RefSeq, Jul 2008]		
		Predicted MW.: 70 kDa
		Subcellular Location: Nucleus

— VALIDATION IMAGES —

Sample: HepG2(Human) Cell Lysate at 40 ug
 Jurkat(Human) Cell Lysate at 40 ug
 Primary: Anti-Ku-70 (bs-10196R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 70 kD
 Observed band size: 70 kD



Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Ku-70) Polyclonal Antibody, Unconjugated (bs-2295R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Ku-70) polyclonal Antibody, Unconjugated (bs-2295R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.