

**bs-17097R****[ Primary Antibody ]****phospho-KAT5 (Ser90) Rabbit pAb****BioSS**  
**ANTIBODIES**

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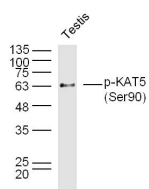
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Horse)
<b>GeneID:</b> 10524	<b>SWISS:</b> Q92993	<b>Predicted MW.:</b> 59 kDa
<b>Target:</b> KAT5 (Ser90)		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human KAT5 around the phosphorylation site of Ser90: PG(p-S)PE.		
<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 protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. This protein is a histone acetylase that has a role in DNA repair and apoptosis and is thought to play an important role in signal transduction. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Sample: testis(Mouse) Lysate at 40 ug Primary:  
Anti-p-KAT(Ser90)(bs-17097R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 59 kD  
Observed band size: 63 kD