

**bs-17096R****[ Primary Antibody ]****phospho-KAT5 (Ser86) Rabbit pAb****Bioss**  
**ANTIBODIES**

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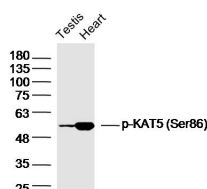
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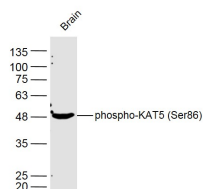
400-901-9800

**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 10524**SWISS:** Q92993**Target:** KAT5 (Ser86)**Immunogen:** KLH conjugated synthesised phosphopeptide derived from human KAT5 around the phosphorylation site of Ser86: PG(p-S)RP.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

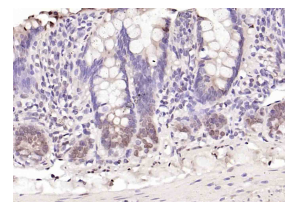
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** 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]**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Mouse, Rat  
(predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse)**Predicted MW.:** 59 kDa**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

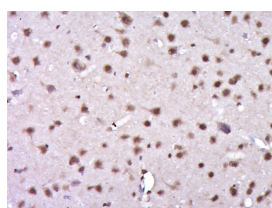
Sample: Testis (Mouse)Lysate at 40 ug Heart (Mouse)Lysate at 40 ug Primary: Anti-p-KAT5(Ser86) (bs-17096R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 59kD Observed band size: 59kD



Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-phospho-KAT5 (Ser86) (bs-17096R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 59 kD Observed band size: 59 kD



Paraformaldehyde-fixed, paraffin embedded (mouse duodenum); 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; Incubation with (phospho-KAT5 (Ser86)) Polyclonal Antibody, Unconjugated (bs-17096R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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

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goat serum) at 37°C for 30min; Antibody incubation with (p-KAT5 (Ser86)) Polyclonal Antibody, Unconjugated (bs-17096R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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## — SELECTED CITATIONS —

- **[IF=6.035]** Hui Shi. et al. Activation of Galanin Receptor 1 with M617 Attenuates Neuronal Apoptosis via ERK/GSK-3 $\beta$ /TIP60 Pathway After Subarachnoid Hemorrhage in Rats. 2021 Jun 04 **WB** ;Rat. 34086200