

**bs-2812R****[ Primary Antibody ]****KAT4/TAF1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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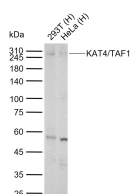
sales@bioss.com.cn

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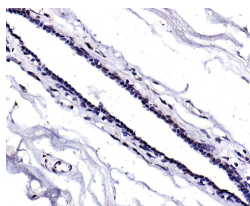
400-901-9800

**— DATASHEET —**

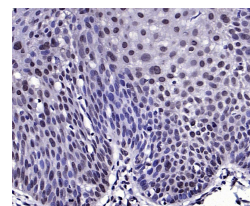
|   |                      |   |
|---|----------------------|---|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>WB</b> (1:500-2000)<br><b>IHC-P</b> (1:100-500)<br><b>IHC-F</b> (1:100-500)<br><b>IF</b> (1:100-500)<br><b>ELISA</b> (1:5000-10000) |
| <b>Clonality:</b> Polyclonal  |                      |   |
| <b>GeneID:</b> 6872   | <b>SWISS:</b> P21675 |   |
| <b>Target:</b> KAT4/TAF1  |                      |   |
| <b>Purification:</b> affinity purified by Protein A   |                      |   |
| <b>Concentration:</b> 1mg/ml  |                      | <b>Reactivity:</b> Human (predicted: Mouse, Rat, Cow, Chicken, Dog, Horse)  |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      | <b>Predicted MW.:</b> 200 kDa   |
| <b>Background:</b> Largest component and core scaffold of the TFIID basal transcription factor complex. Contains novel N- and C-terminal Ser/Thr kinase domains which can autophosphorylate or transphosphorylate other transcription factors. Phosphorylates TP53 on 'Thr-55' which leads to MDM2-mediated degradation of TP53. Phosphorylates GTF2A1 and GTF2F1 on Ser residues. Possesses DNA-binding activity. Essential for progression of the G1 phase of the cell cycle. |                      | <b>Subcellular Location:</b> Nucleus  |

**— VALIDATION IMAGES —**

Sample: Lane 1: Human 293T cell lysates Lane 2: Human HeLa cell lysates Primary: Anti-KAT4/TAF1 (bs-2812R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 200 kDa Observed band size: 300 kDa



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); 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 (KAT4) Polyclonal Antibody, Unconjugated (bs-2812R) 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 (human laryngeal carcinoma); 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 (KAT4) Polyclonal Antibody, Unconjugated (bs-2812R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.