

**bs-6284R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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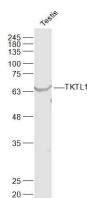
sales@bioss.com.cn

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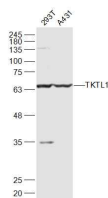
400-901-9800

**TKTL1 Rabbit pAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 8277**SWISS:** P51854**Target:** TKTL1**Immunogen:** KLH conjugated synthetic peptide derived from human TKTL1: 101-200/596.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

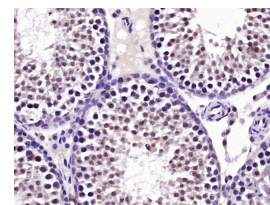
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The protein encoded by this gene is a transketolase that acts as a homodimer and catalyzes the conversion of sedoheptulose 7-phosphate and D-glyceraldehyde 3-phosphate to D-ribose 5-phosphate and D-xylulose 5-phosphate. This reaction links the pentose phosphate pathway with the glycolytic pathway. Variations in this gene may be the cause of Wernicke-Korsakoff syndrome. Three transcript variants encoding different isoforms have been found for this gene.**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat  
(predicted: Rabbit, Pig, Sheep, Cow, Dog, Horse)**Predicted MW.:** 65 kDa**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

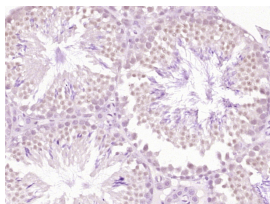
Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti-TKTL1 (bs-6284R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kD  
Observed band size: 65 kD



Sample: 293T(Human) Cell Lysate at 30 ug Primary: A431(Human) Cell Lysate at 30 ug Primary: Anti-TKTL1 (bs-6284R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD



Paraformaldehyde-fixed, paraffin embedded (Rat testis); 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 (TKTL1) Polyclonal Antibody, Unconjugated (bs-6284R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); 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

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

incubation with (TKTL1) Polyclonal Antibody,  
Unconjugated (bs-6284R) at 1:400 overnight at  
4°C, followed by operating according to SP  
Kit(Rabbit) (sp-0023) instructions and DAB  
staining.