

**bs-21502R****[ Primary Antibody ]****TBX1 Rabbit pAb****BioSS**  
**ANTIBODIES**

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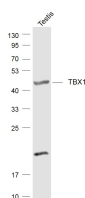
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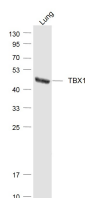
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 6899 <b>Target:</b> TBX1 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TBX1: 271-370/398. <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> This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene product shares 98% amino acid sequence identity with the mouse ortholog. DiGeorge syndrome (DGS)/velocardiofacial syndrome (VCFS), a common congenital disorder characterized by neural-crest-related developmental defects, has been associated with deletions of chromosome 22q11.2, where this gene has been mapped. Studies using mouse models of DiGeorge syndrome suggest a major role for this gene in the molecular etiology of DGS/VCFS. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008].	<b>Isotype:</b> IgG <b>SWISS:</b> O43435 <b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Horse) <b>Predicted MW.:</b> 43 kDa <b>Subcellular Location:</b> Nucleus
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**— VALIDATION IMAGES —**

Sample: Testis (Mouse) Lysate at 40 ug Primary:  
Anti-TBX1 (bs-21502R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 43 kD  
Observed band size: 43 kD



Sample: Lung (Mouse) Lysate at 40 ug Primary:  
Anti-TBX1 (bs-21502R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 43 kD  
Observed band size: 43 kD