

**bs-20571R****[ Primary Antibody ]****SOX7 Rabbit pAb****Bioss**  
**ANTIBODIES**

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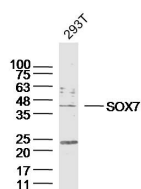
sales@bioss.com.cn

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>GeneID:</b> 83595	<b>SWISS:</b> Q9BT81	
<b>Target:</b> SOX7		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SOX7: 51-150/388.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 42 kDa
<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>Subcellular Location:</b> Nucleus
<b>Background:</b> Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. The highly complex group of Sox genes cluster at least 40 different loci that rapidly diverged in various animal lineages. At present, 30 Sox genes have been identified. Members of this family have been shown to be conserved during evolution and to play key roles during animal development. Some are involved in human diseases, including sex reversal.		

**— VALIDATION IMAGES —**

Sample: 293T (Human) Cell Lysate at 40 ug  
Primary: Anti-SOX7(bs-20571R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 42kD  
Observed band size: 42kD