

**bs-0628R****[ Primary Antibody ]****ZNF300 Rabbit pAb****BioSS**  
**ANTIBODIES**

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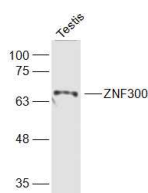
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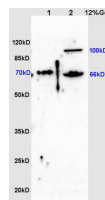
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 91975 <b>Target:</b> ZNF300 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ZNF300: 165-250/604. <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> ZNF300 contains C2H2 (or Kruppel)-type zinc finger motifs that tetrahedrally coordinate zinc ions and form a protein structure that can bind DNA and regulate transcription (Gou et al.,2004 [PubMed 14746915]). ZNF300 belongs to the krueppel C2H2 type zinc finger protein family. It contains twelve C2H2 type zinc fingers and one KRAB domain. ZNF300 has a transcriptional repressor activity. Expressed mostly in heart, skeletal muscle and brain. Isoforms 1 and 2 are highly expressed in testis. There are three named isoforms.	<b>Isotype:</b> IgG <b>SWISS:</b> Q96RE9	<b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Mouse (predicted: Human)  <b>Predicted MW.:</b> 68 kDa <b>Subcellular Location:</b> Nucleus
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**— VALIDATION IMAGES —**

Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti-ZNF300 (bs-0628R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD  
 Observed band size: 68 kD



Sample: Lane1: Testis (Mouse) Lysate at 30 ug  
 Lane2: Small intestine (Mouse) Lysate at 30 ug  
 Primary: Anti-ZNF300(bs-0628R) at 1:200 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1:3000 dilution;  
 Predicted band size : 66kD Observed band size : 70,66kD

**— SELECTED CITATIONS —**

- **[IF=1.291]** Xue et al. ZNF300, a recently identified human transcription factor, activates the human IL-2R $\beta$  promoter through the overlapping ZNF300/EGR1 binding site. (2010) Cell.Mol.Biol.Lett. 15:530-40 WB ; 20585888