

**bs-6633R****[ Primary Antibody ]****FOXL2 Rabbit pAb****Bioss**  
**ANTIBODIES**

www.bioss.com.cn

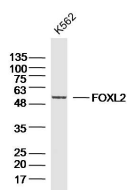
sales@bioss.com.cn

techsupport@bioss.com.cn

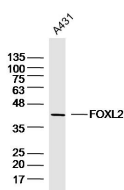
400-901-9800

**— DATASHEET —**

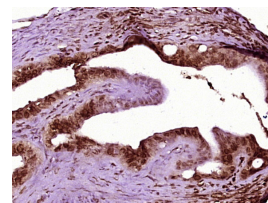
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog)  <b>Predicted MW.:</b> 45-50 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 668	<b>SWISS:</b> P58012.1	
<b>Target:</b> FOXL2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human FOXL2: 71-170/376.		
<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> Transcriptional regulator. Critical factor essential for ovary differentiation and maintenance, and repression of the genetic program for somatic testis determination. Prevents trans-differentiation of ovary to testis through transcriptional repression of the Sertoli cell-promoting gene SOX9 (By similarity). Has apoptotic activity in ovarian cells. Suppresses ESR1-mediated transcription of PTGS2/COX2 stimulated by tamoxifen (By similarity). Is a regulator of CYP19 expression (By similarity). Participates in SMAD3-dependent transcription of FST via the intronic SMAD-binding element (By similarity). Is a transcriptional repressor of STAR. Activates SIRT1 transcription under cellular stress conditions. Activates transcription of OSR2.		

**— VALIDATION IMAGES —**

Sample: K562 Cell(Human) Lysate at 30 ug  
Primary: Anti- FOXL2 (bs-6633R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45-50kD  
Observed band size: 50kD



Sample: A431 Cell (Human) Lysate at 30 ug  
Primary: Anti- FOXL2 (bs-6633R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45-50kD  
Observed band size: 45kD



Paraformaldehyde-fixed, paraffin embedded (mouse ovary tissue); 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 (FOXL2) Polyclonal Antibody, Unconjugated (bs-6633R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=2.852]** Cai et al. Molecular mechanisms of enhancing porcine granulosa cell proliferation and function by treatment in vitro with anti-inhibin alpha subunit antibody. (2015) Reprod.Biol.Endocrinol. 13:26 WB ;Porcine. 25889399
- **[IF=2.24]** Liu, Xing-Long, et al. "FOXL2 suppresses proliferation, invasion and promotes apoptosis of cervical cancer

cells."International Journal of Clinical and Experimental Pathology 7.4 (2014): 1534-1543. IHC ;="Human". 24817949