

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

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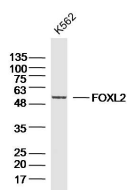
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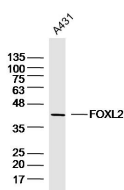
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— DATASHEET —

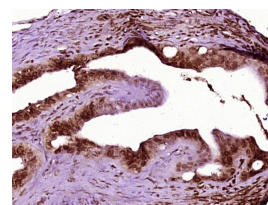
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 668	SWISS: P58012.1	IHC-F (1:100-500)
Target: FOXL2		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human FOXL2: 71-170/376.		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 45-50 kDa
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.		Subcellular Location: Nucleus
Background: 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