

**bs-6612R****[ Primary Antibody ]****BMP15 Rabbit pAb****BioSS**  
**ANTIBODIES**

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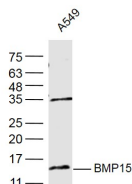
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 9210 <b>Target:</b> BMP15 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human BMP15: 321-392/392. <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> The BMP15 protein is a member of the bone morphogenetic protein family which is part of the transforming growth factor beta superfamily. The transforming growth factor beta superfamily includes large families of growth and differentiation factors. It is thought that BMP15 may be involved in oocyte maturation and follicular development as a homodimer, or by forming heterodimers with a related protein, Gdf9.	<b>Isotype:</b> IgG <b>SWISS:</b> O95972	<b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Horse) <b>Predicted MW.:</b> 14 kDa <b>Subcellular Location:</b> Secreted
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**— VALIDATION IMAGES —**

Sample: A549(Human) Cell Lysate at 40 ug  
Primary: Anti-BMP15 (bs-6612R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 14 kD  
Observed band size: 14 kD

**— SELECTED CITATIONS —**

- **[IF=3.6]** Calis Pinar. et al. A new technology for the treatment of premature ovarian insufficiency: Cell sheet. CELL TISSUE RES. 2023 Dec;;1-15 IHC ;Mouse. 38049591
- **[IF=2.586]** Gökçe Nur Arık. et al. Melatonin effective to reduce the microscopic symptoms of polycystic ovary syndrome-related infertility: An experimental study. TISSUE CELL. 2023 Jan;;102015 IHC,WB ;Rat. 36657254
- **[IF=2.6]** Gül Semir. et al. High Carbohydrate, Fat, and Protein Diets Have a Critical Role in Folliculogenesis and Oocyte Development in Rats. REPROD SCI. 2024 Jun;;1-13 IHC ;Rat. 38937400
- **[IF=1.281]** Pinar Kacamak. et al. The Effect of Isotretinoin on Oocyte Maturation in Adolescent Female Rats. Gynecol Obstet Inves. 2020;85(4):327-335 IHC ;Rat. 32894850