

**bs-0508R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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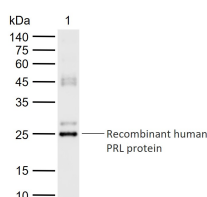
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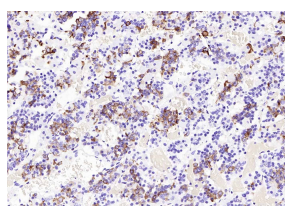
400-901-9800

**PRL Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 5617	<b>SWISS:</b> P01236	<b>IHC-F</b> (1:100-500)
<b>Target:</b> PRL		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PRL: 165-227/227.		<b>Reactivity:</b> Human
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 24 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> Secreted
<b>Background:</b> This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011].		

**— VALIDATION IMAGES —**

Sample: Lane 1: Recombinant human PRL protein, N-His (HEK293)(bs-43099P) Primary: Anti-PRL (bs-0508R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 24 kDa  
Observed band size: 25 kDa



Paraformaldehyde-fixed, paraffin embedded (human pituitary); 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 (PRL) Polyclonal Antibody, Unconjugated (bs-0508R) at 1:300 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=3.32]** Hu, Bin, et al. "IFN-γ Inhibits Osteopontin Expression in Human Decidual Stromal Cells and can be Attenuated by 1,25-Dihydroxyvitamin D<sub>3</sub>." *Journal of Reproductive Immunology* 68.4 (2012): 353-361. **Human**. 22784028
- **[IF=2.425]** Xie W et al. Seasonal expressions of prolactin, prolactin receptor and STAT5 in the scented glands of the male muskrats (*Ondatra zibethicus*). *Eur J Histochem.* 2019 Jan 17;63(1). **IHC ;muskrat**. 30652434
- **[IF=1.785]** An J et al. A clinical and basic study of optimal endometrial preparation protocols for patients with infertility undergoing frozen-thawed embryo transfer. *Exp Ther Med* . 2020 Sep;20(3):2191-2199. **WB ;Human**. 32765695
- **[IF=1.785]** Junxia An. et al. A clinical and basic study of optimal endometrial preparation protocols for patients with

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- infertility undergoing frozen-thawed embryo transfer. Exp Ther Med. 2020 Sep;20(3):2191-2199 WB ;Human. 32765695
- **[IF=2]** Qingjing Gao. et al. Seasonal patterns of prolactin, prolactin receptor, and STAT5 expression in the ovaries of wild ground squirrels (*Citellus dauricus* Brandt). EUR J HISTOCHEM. 2023 Oct 2; 67(4): 3825 IHC ;Squirrel. 37781865