

bs-6445R**[Primary Antibody]****BioSS**
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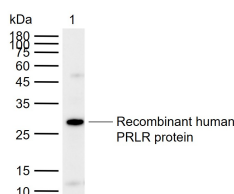
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PRLR Rabbit pAb**DATASHEET**

Host: Rabbit Clonality: Polyclonal GeneID: 5618 Target: PRLR Immunogen: KLH conjugated synthetic peptide derived from human Prolactin Receptor: 251-350/622. Purification: affinity purified by Protein A Concentration: 1mg/ml 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. Background: This gene encodes a receptor for the anterior pituitary hormone, prolactin, and belongs to the type I cytokine receptor family. Prolactin-dependent signaling occurs as the result of ligand-induced dimerization of the prolactin receptor. Several alternatively spliced transcript variants encoding different membrane-bound and soluble isoforms have been described for this gene, which may function to modulate the endocrine and autocrine effects of prolactin in normal tissue and cancer. [provided by RefSeq, Feb 2011].	Isotype: IgG SWISS: P16471	Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat) Predicted MW.: 67 kDa Subcellular Location: Secreted ,Cell membrane
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VALIDATION IMAGES

Sample: Lane 1: Recombinant human PRLR protein, N-His(bs-42268P) Primary: Anti-PRLR (bs-6445R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 67 kDa Observed band size: 28 kDa

SELECTED CITATIONS

- **[IF=4.879]** Senta Georgia. et al. Exogenous Lactogenic Signaling Stimulates Beta Cell Replication In Vivo and In Vitro. Biomolecules. 2022 Feb;12(2):215 IHC ;Mouse. 10.3390/biom12020215
- **[IF=3.263]** Yang Yu et al. Vaccarin promotes proliferation of and milk synthesis in bovine mammary epithelial cells through the Prl receptor-PI3K signaling pathway. Eur J Pharmacol. 2020 Aug 5;880:173190. WB ;dairy cow. 32464193
- **[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=2.005]** Yongfu La. et al. Different expression of LHR, PRLR, GH and IGF1 during testicular development of yak. 2021 Nov 09 WB ;Yak. 34752661
- **[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

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