bs-0508R

[Primary Antibody]

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PRL Rabbit pAb

- DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GenelD: 5617 **SWISS:** P01236

Target: PRL

Immunogen: KLH conjugated synthetic peptide derived from human PRL:

165-227/227.

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 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].

Applications: WB (1:500-2000)

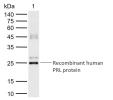
IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)

Reactivity: Human

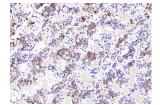
Predicted MW.: 24 kDa

Subcellular Secreted

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?\?? Inhibits Osteopontin Expression in Human Decidual Stromal Cells and can be Attenuated by 1??, 25?\Dihydroxyvitamin D3."rican Journal of Reproductive Immunology 68.4 (2012): 353-361..rch Other ;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

ground squirrels	g Gao. et al. Season (Citellus dauricus I	3randt). EUR J H	ISTOCHEM. 202	23 Oct 2; 67(4):	3825 IHC ;So	quirrel. 3778	1865