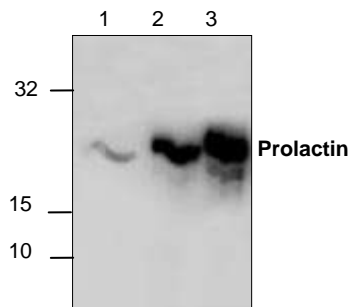


## Anti-Rat Prolactin Polyclonal Antibody

<b>CATALOG NO:</b>	5689-30T      30 µg (Trial size) 5689-100      100 µg
<b>CONCENTRATION:</b>	0.5 mg/ml
<b>IMMUNOGEN:</b>	<i>E. coli</i> expressed recombinant rat Prolactin (Cat. No. 4689-100)
<b>INTERNAL ID:</b>	BV- E15G
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Rat
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>FORMULATION:</b>	Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal
<b>STORAGE CONDITIONS:</b>	Store at -20° C. For long term storage, aliquot and freeze at -70° C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	Prolactin (also known as mammothrophin, luterotropic hormone, and lutetropin) is a neuroendocrine hormone secreted by the pituitary gland. Its primary function is to promote and maintain lactation during pregnancy and suckling. In addition, Prolactin plays an immune-regulatory role by stimulating the activities of ornithine decarboxylase and protein kinase C, which are important for the proliferation, differentiation, and function of lymphocytes. Rat Prolactin is a 22.5 kDa globular protein containing 198 amino acid residues.
<b>APPLICATION:</b>	Western blot: 0.5-4 µg/ml  <b>Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.</b>



Western blot analysis using recombinant rat Prolactin.

**Lane 1:** 50 ng  
**Lane 2:** 250 ng  
**Lane 3:** 1 µg

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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