

Anti-Rat Prolactin Polyclonal Antibody

CATALOG #:	5689-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	<i>E. coli</i> expressed recombinant rat Prolactin (Internal ID# BV-E15G)
HOST:	Rabbit
SPECIES REACTIVITY:	Rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-rat Prolactin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol and 0.01% thimerosal.

STORAGE CONDITIONS:

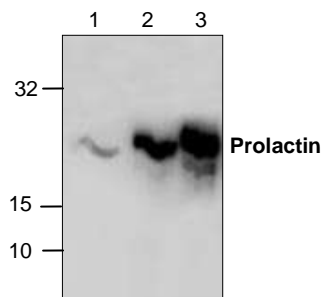
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

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.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). Recombinant rat Prolactin (Cat.# 4689-50) can be used as a positive control. However, the optimal conditions should be determined individually. Other applications have not been determined.



Cat. #: 5689-100
 Western blot analysis using recombinant rat Prolactin.
Lane 1: 50 ng
Lane 2: 250 ng
Lane 3: 1 ng

FOR RESEARCH USE ONLY! Not to be used on humans.

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- Mammalian Cell Extraction Kit
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