

Prolactin Antibody

Purified Rabbit Polyclonal Antibody Catalog # ABV11628

Specification

Prolactin Antibody - Product Information

Application	WB
Primary Accession	<u>P01236</u>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25876

Prolactin Antibody - Additional Information

Gene ID 5617

Other Names PRL, Luterotropic hormone, LTH, Lutetropin, Mammotrophin

Target/Specificity Prolactin

Formulation 100 μg (0.5 mg/ml) of antibody in PBS pH 7.2 containing 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol.

Handling The antibody solution should be gently mixed before use.

Background Descriptions

Precautions Prolactin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Prolactin Antibody - Protein Information

Name PRL

Function Prolactin acts primarily on the mammary gland by promoting lactation.

Cellular Location Secreted.

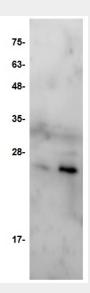


Prolactin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Prolactin Antibody - Images



Western blot of Prolactin antibody. Lane1: humanProlactin(29-227aa) - 2 ng. Lan2: human Prolactin (29-227) - 10ng.

Prolactin Antibody - Background

Prolactin (also known as mammotrophin, 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. Recombinant human Prolactin is a 23 kDa globular protein containing 200 amino acid residues.