

## Prolactin Antibody (R31774)

Catalog No.	Formulation	Size
R31774	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>Gene ID</b>	5617
<b>Applications</b>	Western Blot : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (human protein tested); request BSA free format for coating
<b>Limitations</b>	This Prolactin antibody is available for research use only.



Western blot testing of Prolactin antibody and MCF7 lysate. Predicted/observed molecular weight: ~25kDa.

## Description

Prolactin, also known as Luteotropic hormone or Luteotropin, is a protein that in humans is best known for its role in enabling female mammals to produce milk. The PRL 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.

## **Application Notes**

Variations in secondary/substrate sensitivities and test protocols may require the Prolactin antibody to be titrated for optimal performance.

## **Immunogen**

Human partial recombinant protein (AA 29-227) was used as the immunogen for this Prolactin antibody.

## **Storage**

After reconstitution, the Prolactin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.