Prolactin Antibody (R30123)

Catalog No.	Formulation	Size
R30123	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 0.025% sodium azide
UniProt	P06879
Applications	Western Blot : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (mouse protein tested); request BSA free format for coating
Limitations	This Prolactin antibody is available for research use only.

Western blot testing of Prolactin antibody and mouse recombinant protein

Description

Prolactin, also known as luteotropic hormone (LTH) is a protein that in humans is encoded by the PRL gene. Prolactin is a peptide hormone discovered by Henry Friesen. Although it is perhaps best known for its role in lactation, it already existed in the oldest known vertebratesÂ—fishesÂ—where its most important functions were probably related to control of water and salt balance. Prolactin also acts in a cytokine-like manner and as an important regulator of the immune system. It has important cell cycle related functions as a growth-, differentiating- and anti-apoptotic factor. As a growth factor binding to cytokine like receptors it has also profound influence on hematopoiesis, angiogenesis and is involved in the regulation of

blood clotting through several pathways.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Prolactin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Mouse partial recombinant protein (AA 30-226) 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.