

Anti-Prolactin Picoband Antibody

Catalog # ABO12101

Product Information

Application	WB, E
Primary Accession	P06879
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Prolactin(PRL) detection. Tested with WB, ELISA in Mouse.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Other Names	Prolactin, PRL, Prl
Calculated MW	25496
Application Details	Western blot, 0.1-0.5 μ g/ml, Mouse , - ELISA , 0.1-0.5 μ g/ml, Mouse
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	Prolactin
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E. coli-derived mouse Prolactin recombinant protein (Position: L30-C226). Mouse Prolactin shares 59.8% and 84.8% amino acid (aa) sequence identity with human and rat Prolactin, respectively.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.

Protein Information

Name	Prl
Function	Prolactin acts primarily on the mammary gland by promoting lactation.
Cellular Location	Secreted.

Background

Prolactin (PRL) 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, prolactin already existed in the oldest known vertebrates-fishes-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. Prolactin 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.

Images



Anti- Prolactin Picoband antibody, ABO12101, Western blotting
 All lanes: Anti Prolactin (ABO12101) at 0.5ug/ml
 WB: Recombinant Mouse Prolactin Protein 0.5ng
 Predicted bind size: 10KD
 Observed bind size: 10KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.