

Anti-Prolactin Picoband Antibody

Catalog # ABO12052

Product Information

Application	WB, E
Primary Accession	P01236
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Prolactin(PRL) detection. Tested with WB, ELISA in Human.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	5617
Other Names	Prolactin, PRL, PRL
Calculated MW	25876
Application Details	Western blot, 0.1-0.5 µg/ml, Human, - ELISA , 0.1-0.5 µg/ml, Human
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	Prolactin
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E.coli-derived human Prolactin recombinant protein (Position: L29-227C). Human Prolactin shares 60% and 63% amino acid (aa) sequence identity with mouse and rat Prolactin, respectively.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20° C for one year. After reconstitution, 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.
Sequence Similarities	Belongs to the somatotropin/prolactin family.

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 or luteotropin, is a protein that in humans is best known for its role in enabling female mammals to produce milk. This 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.

Images



Anti- Prolactin Picoband antibody, PB361, Western blotting
All lanes: Anti Prolactin (ABO12052) at 0.5ug/ml
WB: MCF-7 Whole Cell Lysate at 40ug
Predicted bind size: 25KD
Observed bind size: 25KD

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