

Anti-Prolactin Picoband Antibody

Catalog # ABO12052

Specification

Anti-Prolactin Picoband Antibody - 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.

Anti-Prolactin Picoband Antibody - Additional Information

Gene ID 5617

Other Names Prolactin, PRL, PRL

Calculated MW 25876 MW KDa

Application Details

Western blot, 0.1-0.5 μg/ml, Human, -
br>ELISA , 0.1-0.5 μg/ml, Human
br>

Subcellular Localization

Secreted.

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 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.

Sequence Similarities

Belongs to the somatotropin/prolactin family.

Anti-Prolactin Picoband Antibody - Protein Information

Name PRL

Function

Prolactin acts primarily on the mammary gland by promoting lactation.

Cellular Location

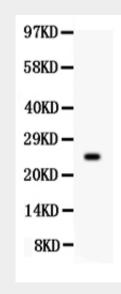
Secreted.

Anti-Prolactin Picoband Antibody - Protocols

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

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

Anti-Prolactin Picoband Antibody - Images



Anti- Prolactin Picoband antibody, PB361, Western blottingAll lanes: Anti Prolactin (ABO12052) at 0.5ug/mlWB: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 25KDObserved bind size: 25KD







Anti-Prolactin Picoband Antibody - 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.