

# PRL Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP16751c

#### **Product Information**

**Application** IHC-P, WB, E **Primary Accession** P01236

Other Accession NP 001157030.1, NP 000939.1

Reactivity Human
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB36501
Calculated MW 25876
Antigen Region 48-76

## **Additional Information**

**Gene ID** 5617

Other Names Prolactin, PRL, PRL

**Target/Specificity** This PRL antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 48-76 amino acids from the Central

region of human PRL.

**Dilution** IHC-P~~1:100 WB~~1:1000 E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** PRL Antibody (Center) is for research use only and not for use in diagnostic or

therapeutic procedures.

#### **Protein Information**

Name PRL

**Function** Prolactin acts primarily on the mammary gland by promoting lactation.

**Cellular Location** Secreted.

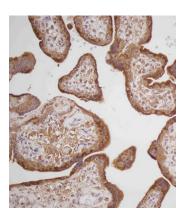
# **Background**

PRL prolactin acts primarily on the mammary gland by promoting lactation.

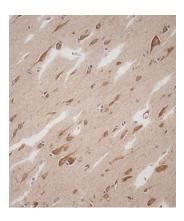
## References

Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010) Strauss, J.S., et al. Psychoneuroendocrinology 35(9):1422-1428(2010) Gordon, I., et al. Horm Behav 58(3):513-518(2010) Voorhees, J.L., et al. J. Biol. Chem. 285(26):20022-20030(2010) Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :

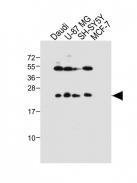
# **Images**



Immunohistochemical analysis of AP16751C on paraffin-embedded Human placenta tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Immunohistochemical analysis of AP16751C on paraffin-embedded Human brain tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



All lanes: Anti-PRL Antibody (Center) at 1:1000 dilution Lane 1: Daudi whole cell lysate Lane 2: U-87 MG whole cell lysate Lane 3: SH-SY5Y whole cell lysate Lane 4: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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