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PRL Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16751c

Specification

PRL Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	P01236
Other Accession	NP_001157030.1, NP_000939.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**25876**
Antigen Region	**48-76**

PRL Antibody (Center) - 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
WB~~1:1000
IHC-P~~1:100

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.

PRL Antibody (Center) - Protein Information

Name PRL

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

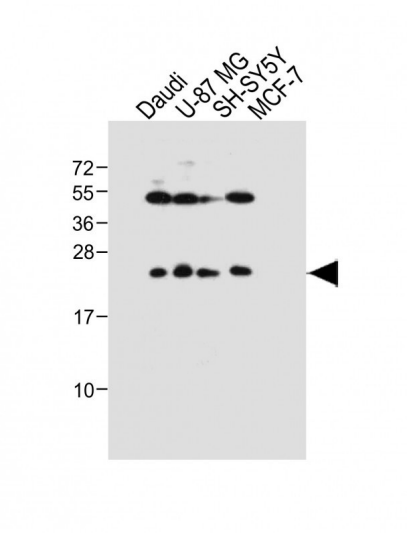
Cellular Location
Secreted.

PRL Antibody (Center) - Protocols

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

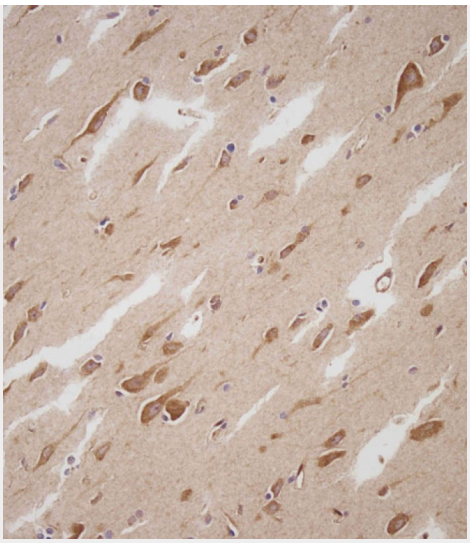
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PRL Antibody (Center) - Images

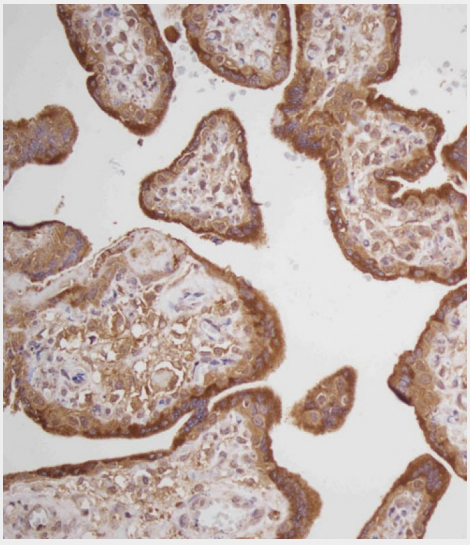


All lanes : Anti-PRL Antibody (Center) at 1:1000 dilution Lane 1: Daudi whole cell lysate Lane 2: U-87 MG whole cell lysate Lane 3: SH-SY5Y whole cell lysate Lane 4: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.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

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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.



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.

PRL Antibody (Center) - Background

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

PRL Antibody (Center) - 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) :