

Datasheet for ABIN669456
anti-Prolactin antibody (AA 165-227)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	Prolactin (PRL)
Binding Specificity:	AA 165-227
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prolactin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Prolactin
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Prolactin (PRL)
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Target Details

Alternative Name:	Prolactin (PRL Products)
Background:	<p>Synonyms: Prolactin, PRL</p> <p>Background: 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. Prolactin acts primarily on the mammary gland by promoting lactation.</p>
Gene ID:	5617
UniProt:	P01236
Pathways:	JAK-STAT Signaling , Peptide Hormone Metabolism , Response to Growth Hormone Stimulus , Protein targeting to Nucleus

Application Details

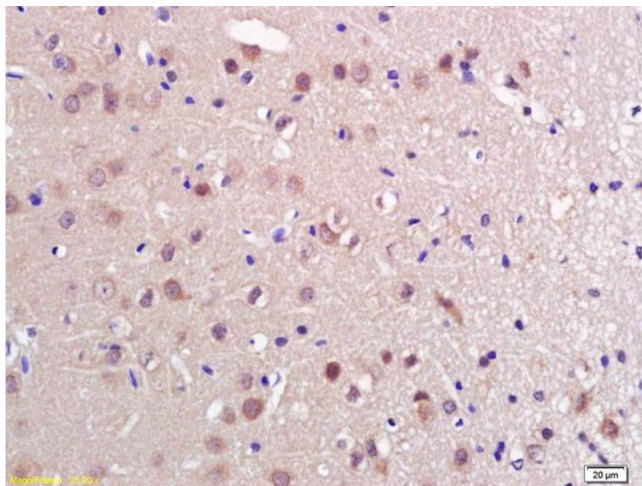
Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

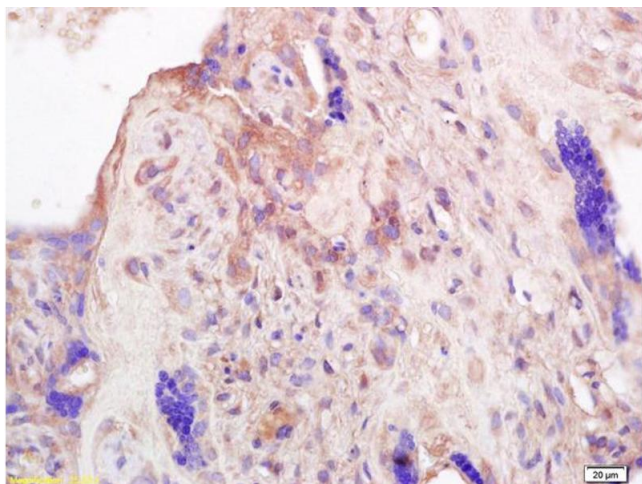
Product cited in: Hu, Zhou, Gao, Liu, Yan, Zou, Chen: "IFN- γ inhibits osteopontin expression in human decidual stromal cells and can be attenuated by 1 α ,25-dihydroxyvitamin D3." in: **American journal of reproductive immunology (New York, N.Y. : 1989)**, Vol. 68, Issue 4, pp. 353-61, (2012) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-PRL Polyclonal Antibody, Unconjugated (ABIN669456) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human placenta labeled with Anti-PRL Polyclonal Antibody, Unconjugated (ABIN669456) at 1:200 followed by conjugation to the secondary antibody and DAB staining.