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Datasheet for ABIN7429103 anti-Prolactin antibody (AA 30-226)

3 Images



Overview

Quantity:	100 µL
Target:	Prolactin (PRL)
Binding Specificity:	AA 30-226
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prolactin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Prolactin (PRL)
Immunogen:	Recombinant Prolactin (PRL) corresdonding to Leu30~Cys226 (Accession # P01237)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PRL. It has been selected for its ability to recognize PRL in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details	
Target:	Prolactin (PRL)
Alternative Name:	Prolactin (PRL Products)
Background:	LTH, Luteotropic Hormone
Pathways:	JAK-STAT Signaling, Peptide Hormone Metabolism, Response to Growth Hormone Stimulus, Protein targeting to Nucleus

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	1:500-2000 Immunohistochemistry: 5-20 µg/mL
	1:50-200 Immunocytochemistry: 5-20 µg/mL
	1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at $37^\circ C$ for $48h$, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.

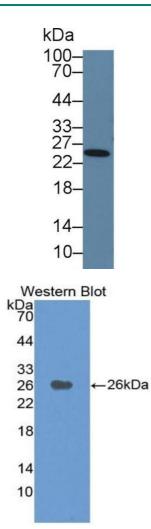
Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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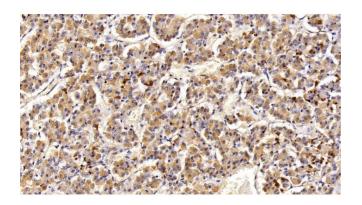


Western Blotting

Image 1. Detection of PRL in Rat Serum using Polyclonal Antibody to Prolactin (PRL)

Western Blotting

Image 2. Detection of Recombinant PRL, Rat using Polyclonal Antibody to Prolactin (PRL)



Immunohistochemistry

Image 3. Detection of PRL in Porcine Pituitary Tissue using Polyclonal Antibody to Prolactin (PRL)

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