

# Product Datasheet

## Prolactin Antibody

### NB100-64720

Unit Size: 0.125 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 3/30/2022 v.20.1

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**NB100-64720**

Prolactin Antibody

**Product Information**

<b>Unit Size</b>	0.125 ml
<b>Concentration</b>	5.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2)

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	5617
<b>Gene Symbol</b>	PRL
<b>Species</b>	Rat
<b>Reactivity Notes</b>	Reacts with Rat.
<b>Specificity/Sensitivity</b>	NB100-64720 detects prolactin, a secreted protein with hormonal activity, which functions by binding to the prolactin receptor and positively regulating epithelial cell proliferation. Prolactin acts primarily on the mammary gland by promoting lactation, and has been shown to promote prostate epithelial cell proliferation. Prolactin may also facilitate decidual growth and placentation. Prolactin belongs to the somatotropin/prolactin family.
<b>Immunogen</b>	Prolactin

**Product Application Details**

<b>Applications</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	ELISA 1:50-1:200, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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