



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4760

### Rabbit anti Prolactin Release-Inhibiting Factor (rat)

Prolactin is a protein known for its role in enabling mammals to produce milk. It is secreted from the pituitary gland in response to eating, mating, estrogen treatment, ovulation and nursing. Prolactin plays an essential role in metabolism, regulation of the immune system and pancreatic development. Prolactin Inhibiting Factor (PIF) inhibits the release of prolactin and is supposed to be dopamine, which is secreted by the tuber infundibular neurons.

This antibody was generated by immunization of rabbits with Prolactin Inhibiting Factor coupled to a carrier protein.

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### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	951176-1
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	50µl
<b>Format:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
<b>Stability:</b>	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at - 20°C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Prolactin Inhibiting Factor. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Asn-Thr-Glu-His-Leu-Val-Asp-Ser-Phe-Gln-Glu-Met-Gly-Lys-Glu-Glu-Asp-Gln-Met-Ala-Glu-Pro-Gln-Asn-Phe-Glu-Cys-Thr-Val-His-Trp-Pro-Arg-Ser-Pro-Leu-Arg-Asp-Leu-Arg-Gly-Ala-Leu-Glu-Arg-Leu-Ile-Glu-Glu-Glu-Ala-Gly-Gln-Lys-Lys-Met-OH coupled to a carrier protein.

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This product contains no preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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1.3.2021