BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Prolactin Release-Inhibiting Factor

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4760 (Lot 951176-1)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Rat
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	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-OHcoupled to carrier protein.
Protein database:	n/a

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against Prolactin Inhibiting Factor. Other applications like FACS or Western Blot may work as well.
Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:
Frozen sections: not tested yet.
Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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