



BMA BIOMEDICALS



Peninsula Laboratories

T-4529

Rabbit anti PHM-27 (human)

Human PHM is a 27-amino acid peptide encoded by exon 4 of the same gene that encodes Vasoactive intestinal polypeptide (VIP). Cells express and release PHM and VIP together, so PHM expression has the same wide distribution as VIP in the gastrointestinal tract as well as in the central and peripheral nervous systems. PHM acts as a less potent version of VIP, exerting similar biological effects, including the release of prolactin, insulin, and glucagon. Also, PHM-27 differs by only 2 amino acids from PHI-27, a peptide isolated from porcine intestine, and is also closely related in sequence to VIP.

This antibody was generated by immunization of rabbits with PHM-27 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	961032
Host species:	Rabbit IgG
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Stability:	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.
Applications:	This antibody has been tested and validated in ELISA against PHM-27. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-His-Ala-Asp-Gly-Val-Phe-Thr-Ser-Asp-Phe-Ser-Lys-Leu-Leu-Gly-Gln-Leu-Ser-Ala-Lys-Lys-Tyr-Leu-Glu-Ser-Leu-Met-NH ₂ coupled to carrier protein.

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

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