



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti PACAP-29

Pituitary adenylate cyclase-activating polypeptide, also known as PACAP, is a protein like vasoactive intestinal peptide (VIP). One of its effects is to stimulate enterochromaffin-like cells. It binds to vasoactive intestinal peptide receptor and to the PACAP receptor. The PACAP precursor contains another peptide called PACAP-related peptide, which is expressed in the parvocellular part of the paraventricular nucleus (PVN), implying its role as hypothalamic regulatory peptide.

This antibody was generated by immunization of rabbits with PACAP (1-29) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4477 (Lot 020103-1)
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-Asp-Val-Ala-His-Glu-Ile-Leu-Asn-Glu-Ala-Tyr-Arg-Lys-Val-Leu-Asp-Gln-Leu-Ser-Ala-Arg-Lys-Tyr-Leu-Gln-Ser-Met-Val-Ala-OH coupled to carrier protein.
Protein database:	<u>rat-P13589</u>

Applications:

Tested in immunohistochemistry (IHC) and ELISA against PACAP-29. 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.

Related Products:

T-4476: Rabbit anti PACAP-29, purified IgG

S-1322: ELISA, high sensitivity for extracted samples

T-5042: Guinea pig anti PACAP-38, neat antiserum

T-4472: Rabbit anti PACAP-38, purified IgG

T-4465: Rabbit anti PACAP-27, neat antiserum

T-5039: Guinea pig anti PACAP-27, neat antiserum

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