



BMA BIOMEDICALS



Peninsula Laboratories

T-4825

Rabbit anti Apelin-17 (human, bovine, mouse, rat) [UniProt: Q9ULZ1, Q9TUI9, Q9R0R4, Q9R0R3]

Apelin (also known as APLN) is a peptide that in humans is encoded by the APLN gene. It is the endogenous ligand for the G-protein-coupled APJ receptor that is expressed at the surface of some cell types. Apelin is widely expressed in various organs such as the heart, lung, kidney, liver, adipose tissue, gastrointestinal tract, brain, adrenal glands, endothelium, and human plasma. Apelin-17 is a potent diuretic neuropeptide counteracting vasopressin actions through inhibition of vasopressin neuron activity and vasopressin release.

This antibody was generated by immunization of rabbits with Apelin-17 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A13339
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 Apelin-17. 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-Lys-Phe-Arg-Gln-Arg-Pro-Arg-Leu-Ser-His-Lys-Gly-Pro-Met-Pro-Phe-OH coupled to carrier protein.

Related Products: T-4824: Rabbit anti Apelin-17 (hu, bo, ms, rt), purified IgG

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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neat serum

1.3.2021