



BMA BIOMEDICALS



Peninsula Laboratories

T-4005

Rabbit anti Angiotensin II

Angiotensin II (Angiotensin 1-8) is a naturally occurring peptide hormone of the renin-angiotensin-aldosterone system (RAAS). It consists of eight amino acids and causes vasoconstriction and an increase in blood pressure. Besides these immediate effects, it also enhances or modulates inflammation, endothelial dysfunction and atherosclerosis.

This antibody was generated by immunization of rabbits with Angiotensin II coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A16399
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
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 Angiotensin II. 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-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-OH coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Angiotensin II	100
[Val ⁵]-Angiotensin II	100
Angiotensin III	100
Renin Substrate	0.9
Angiotensin I	0.5
ANF (1-28) (human)	0
[Arg ⁸]-Vasopressin	0
[Sar ¹ ,Ile ⁸] Angiotensin II	0

Related Products: T-4007: anti Angiotensin II, neat antiserum, host: rabbit
T-5001: anti Angiotensin II, neat antiserum, host: guinea pig
T-4006: anti Angiotensin II, diluted antiserum, host: rabbit
T-5000: anti Angiotensin II, diluted antiserum, host: guinea pig
S-1133: ELISA, high sensitivity for extracted samples

This product contains Thimerosal as a 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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rabbit IgG

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