



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Angiotensin II

Angiotensin II (Angiotensin 1-8) is a naturally occurring peptide hormone of the RAAS (renin-angiotensin-aldosterone system). 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

Catalog Number:	T-4006 (Lot A18PO22015)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human, Mouse, Rat, Porcine, Bovine, Chicken, Vertebrate, Monkey, others
Quantity:	1.0 ml
Format:	Diluted antiserum, lyophilized. This stock solution contains phosphate-buffered saline (pH 7.2), 1 % BSA as stabilizer, and 0.01 % ProClin™ 150 as preservative.
	Reconstitute by adding 1.0 ml of distilled water.
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-Arg-Val-Tyr-Ile-His-Pro-Phe-OH coupled to carrier protein.
Protein database:	human-P01019 ; mouse-P11859 ; rat-P01015 ; ovine-P20757

Cross-Reactivity:

PEPTIDE	%
Angiotensin II	100
(Val ⁵)-Angiotensin II	100
Angiotensin III	100
Angiotensin A	100
Renin Substrate	0.9
Angiotensin I	0.5
ANF (1-28) (human)	0

Cross-Reactivity:

PEPTIDE	%
[Arg ⁸]-Vasopressin	0
[Sar ¹ , Ile ⁸] Angiotensin II	0

Applications:

Tested in immunohistochemistry (IHC) and ELISA against Angiotensin II. 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:

S-1133: ELISA high sensitivity for extracted samples

T-4007: Rabbit anti Angiotensin II, neat antiserum

T-4005: Rabbit anti Angiotensin II, purified IgG

T-5000: Guinea pig anti Angiotensin II, diluted antiserum

T-5001: Guinea pig anti Angiotensin II, neat antiserum

This product contains ProClin™150 as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.