BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Angiotensin A

Angiotensin A is a potent endogenous vasoconstrictor peptide that derives from the Angiotensin II. It was first identified in human plasma and it differs from Angiotensin II in Alanin instead of Aspartate residue. Recent findings showed that Angiotensin A has a role as cardiovascular active peptide of the Renin–Angiotensin System (RAS).

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4853 (Lot A02174)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml 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-Ala-Arg-Val-Tyr-Ile-His-Pro-Phe-OH coupled to a carrier protein.
Protein database:	n/a

Cross-Reactivity:

PEPTIDE:	%:
Angiotensin A	100
Angiotensin I	0
Angiotensin II	0
Angiotensin III	0

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Applications:

Tested in ELISA against Angiotensin A and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Approximate working dilution for IHC:
Paraffin sections: (1:800); pretreatment with Proteinase K for antigen retrieval is recommended.

Optimal dilutions should be determined by the end user.

Please see **www.bma.ch** for protocols and general information

Related Products:

T-4854: Rabbit anti Angiotensin A, neat antiserum
T-4007: Rabbit anti Angiotensin II, neat antiserum
T-5001: Guinea pig anti Angiotensin II, neat antiserum,
T-4006: Rabbit anti Angiotensin II, diluted antiserum
T-5000: Guinea pig anti Angiotensin II, diluted antiserum
S-1133: ELISA, high sensitivity for extracted samples (Ang II)
S-1188: ELISA, high sensitivity for extracted samples (Ang I)
S-1329: ELISA, high sensitivity for extracted samples (Ang III)
S-1330: ELISA, high sensitivity for extracted samples (Ang I/II 1-7)
S-1535: ELISA, high sensitivity for extracted samples (1-9)
S-1343: ELISA, high sensitivity for extracted samples (1-12) (hu)
S-1344: ELISA, high sensitivity for extracted samples (1-12) (rt)
T-4165: Rabbit anti Angiotensin I, purified IgG
T-4166: Rabbit anti Angiotensin I, neat antiserum

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

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