BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Prepro-Endothelin-1 (110-130) amide

Endothelin (ET-1) is a 21 amino acid peptide, also known as preproendothelin-1 (PPET1), that is produced by the vascular endothelium from a 39 amino acid precursor, big ET-1, through the actions of an endothelin converting enzyme (ECE) found on the endothelial cell membrane. ET-1 is involved in regulation of cardiovascular functions where it has been implicated in the pathogenesis of hypertension, coronary vasospasm, and heart failure. It is also known to cause fibrosis of the vascular cells as well as to stimulate production of reactive oxygen species.

This antibody was generated by immunization of rabbits with Prepro-Endothelin-1 (110-130) amide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4751 (Lot A06845)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Porcine
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-Cys-Gln-Cys-Ala-Ser-Gln-Lys-Asp-Lys-Lys-Trp-Ser-Tyr-Cys-Gln-Ala-Gly-Lys-Glu-Ile-NH2 coupled to carrier protein.
Protein database:	n/a

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against Prepro-Endothelin-1 (110-130). 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-4305: Rabbit anti Prepro-Endothelin-1 (94-109)(po), purified IgG
T-4306: Rabbit anti Prepro-Endothelin-1 (94-109)(po), neat antiserum

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

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