BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Urotensin II

Urotensin-II is an 11-amino acid peptide ligand, agonist for the urotensin-II receptor which is a G protein-coupled receptor that primarily activates the alpha subunit Gαq11.It is the strongest known vasoconstrictor. Because of the involvement of the UII system in multiple biological systems such as the cardiovascular, nervous, endocrine, and renal, it represents a promising target for the development of new drugs.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4738 (Lot A14476)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
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-Glu-Thr-Pro-Asp-Cys-Phe-Trp-Lys-Tyr-Cys-Val-OH, (Disulfide bond) coupled to carrier protein.
Protein database:	n/a

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against Urotensin-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:

T-4736: Rabbit anti Urotensin II (hu), diluted antiserum
T-4737: Rabbit anti Urotensin II (hu), purified IgG
T-4798: Rabbit anti Urotensin II-Related Peptide, neat antiserum
T-4797: Rabbit anti Urotensin II-Related Peptide, purified IgG
S-1256: ELISA, high sensitivity for extracted samples

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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