



BMA BIOMEDICALS



Peninsula Laboratories

T-4737

Rabbit anti Urotensin II (human) [UniProt: 095399]

Urotensin-II is a 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

Lot number:	n/a
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 Urotensin-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-Glu-Thr-Pro-Asp-Cys-Phe-Trp-Lys-Tyr-Cys-Val-OH, (Disulfide bond) coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Urotensin II (human)	100
Urotensin II (goby)	100
Urotensin II (mouse)	10
Urotensin II (rat)	0
Urotensin I	0
CRF (human, rat)	0
Urocortin (human)	0
Urocortin (rat)	0
Somatostatin-14	0
[Arg8]- Vasopressin	0
Angiotensin II	0
Calcitonin (salmon I)	0
NPY (human, rat)	0

Related Products: T-4736: Rabbit anti Urotensin II (hu), diluted antiserum
T-4738: Rabbit anti Urotensin II (hu), neat antiserum
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 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.

T-4737

rabbit IgG

1.3.2021