



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4797

### Rabbit anti Urotensin II-related peptide (human, mouse, rat)

Urotensin II-related peptide (URP) is a cyclic neuropeptide that is found in all vertebrates that have been genome sequenced so far. It has a long lasting hypotensive effect and may also regulate reproduction. It is part of the Urotensin II system and is one of the two endogenous ligands for rats, mice, and possibly humans.

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

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### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	n/a
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400µg
<b>Format:</b>	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.
<b>Stability:</b>	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.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Urotensin II-related peptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Ala-Cys-Phe-Trp-Lys-Tyr-Cys-Val-NH <sub>2</sub> coupled to a carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
Urotensin II-Related Peptide (human, mouse, rat)	100
Urotensin II (goby)	11.7
Urotensin II (human)	9
Urotensin II (mouse)	5.8
(Pyr <sup>110</sup> )-Prepro-Urotensin II (110-123)	3.6
(Pen <sup>5</sup> )-Urotensin II (4-11) (human)	0
Urotensin I	0

Related Products: T-4736: Rabbit anti Urotensin II (hu), diluted antiserum  
T-4738: Rabbit anti Urotensin II (hu), neat antiserum  
T-4737: Rabbit anti Urotensin II (hu), purified IgG  
T-4798: Rabbit anti Urotensin II-Related Peptide, neat antiserum  
S-1256: ELISA, high sensitivity for extracted samples

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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.

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rabbit IgG

1.3.2021