



## Data Sheet

# HUMAN UROTENSIN II

## ANTIBODY, POLYCLONAL

<b>Catalog no.:</b>	A 8024.1 / A 8024.2
<b>Immunogen:</b>	Synthetic human Urotensin II, bTG conjugated (ETPDCFWKYCV)
<b>Synonyms:</b>	Urotensin-2
<b>Swiss-Prot No:</b>	O95399
<b>Gene Information:</b>	Gene Name: UTS2 GeneID: 10911
<b>Host:</b>	Rabbit
<b>Matrix:</b>	Serum
<b>Specificity:</b>	Synthetic human Urotensin II peptide There was no cross reactivity obtained with human Endothelin (aa 1-21) (< 0,1%), human big Endothelin (aa 1-38) (< 0,1%), human Urodilatin, human ANP (aa 1-28) (< 0,1%), human BNP (aa 1-32) (< 0,1%), Adrenomedullin (aa 1-52) (< 0,1%), Relaxin (< 0,1%), and Somatostatin (< 0,1%).
<b>Contents:</b>	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
<b>Known applications:</b>	ELISA (1:3000) <sup>1, 2, 3</sup> This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.
<b>Store at:</b>	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
<b>References:</b>	1 .Heller J, Schepke M, Neef M, Woitas R, Rabe C, Sauerbruch T (2002). Increased urotensin II plasma levels in patients with cirrhosis and portal hypertension. <i>J Hepatol</i> <b>37</b> :767-72. 2. Dschietzig T, Bartsch C, Pregla R, Zurbrugg HR, Armbruster FP, Richter C et al (2002). Plasma levels and cardiovascular gene expression of urotensin-II in human heart failure. <i>1. Regul Pept</i> <b>110</b> :33-8. 3. Dschietzig T, Richter C, Bartsch C, Bohme C, Heinze D, Ott F et al (2001). Flow-induced pressure differentially regulates endothelin-1, urotensin II, adrenomedullin, and relaxin in pulmonary vascular endothelium. <i>Biochem Biophys Res Commun</i> <b>289</b> :245-51.





Antibodies

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**For research use only**

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