

Data Sheet

RAT URODILATIN

ANTIBODY, POLYCLONAL

Catalog no.:	A 8023.1 / A 8023.2
Immunogen:	Synthetic rat Urodilatin / rat ANP (aa 95-102) poly-Lysine conjugated (AGPRSLR)
Synonyms:	CDD-ANP, Prepronatriodilatin
Swiss-Prot No:	P01161
Gene Information:	Gene Name: Nppa Gene ID: 24602
Host:	Rabbit
Matrix:	Serum
Specificity:	Rat and mouse Urodilatin There was no cross-reactivity obtained with rat BNP, rat CNP, rat ANP (aa 99-126), or human Urodilatin.
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	RIA (1:3000)[2, 3, 4] This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided

References:

1. Kirchhoff K, Bub A, Marxen P, Forssmann WG (1994). Urodilatin inhibits sodium reabsorption in the isolated perfused rat kidney. *Exp Nephrol* ***2***(6)**:** 351-357.

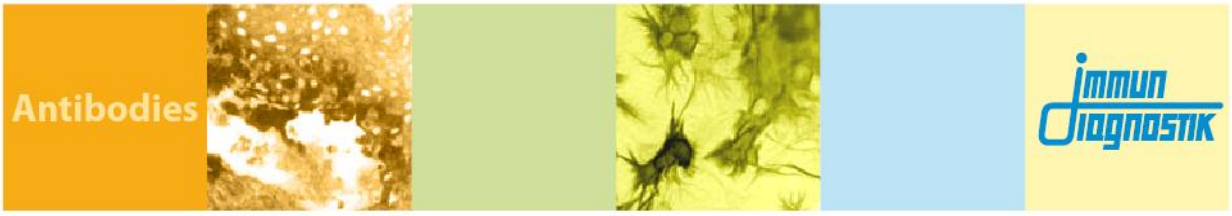
2. Kirchhoff K, Forssmann WG (1995). Release of urodilatin from perfused rat kidney and from cultured neonatal rat kidney cells. *Pflugers Arch* ***430***(5)**:** 739-744.

3. Heringlake M, Wagner K, Schumacher J, Pagel H (1999). Urinary excretion of urodilatin is increased during pressure natriuresis in the isolated perfused rat kidney. *Am J Physiol* ***277***(3 Pt 2)**:** F347-351.

4. Heringlake M, Bahlmann L, Klaus S, Wagner K, Schmucker P, Pagel H (2001). Effects of angiotensin II and the AT(1) receptor antagonist losartan on the renal excretion of urodilatin. *Kidney Blood Press Res* ***24***(2)**:** 79-83.

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