



Data Sheet

HUMAN UROGUANYLIN

ANTIBODY, POLYCLONAL

Catalog no.:	A 9851.1 / A 9851.2
Immunogen:	Synthetic human pro-Uroguanylin (FKTLRTIANDDCELCVNVACTGCL)
Synonyms:	Guanylate cyclase activator 2B, UGN
Swiss-Prot No:	Q16661
Gene Information:	Gene Name: GUCA2B GenelD: 2981
Host:	Rabbit
Matrix:	Serum
Specificity:	Human pro-Uroguanylin and Uroguanylin
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	Western Blot (20 000) ¹ , immunohistochemistry (cryosections, 1:2000) ¹ 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. Maake C, Auf der Maur F, Jovanovic K, Reinecke M, Hauri D, John H (2003). Occurrence and localization of uroguanylin in the aging human prostate. <i>Histochemistry and Cell Biology</i> 119 (1): 69-76.
Last updated on:	14 April 2022

For research use only

Publishing research using A 9851? Please let us know so that we can cite your publication as a reference.

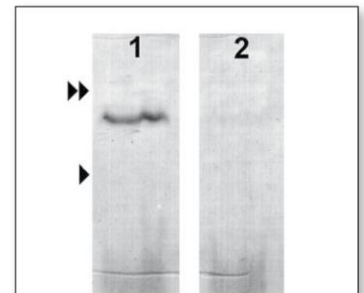


Figure 1: Western Blot analysis of A 9851 specificity. Prostatic fluid from healthy donors was separated by SDS-PAGE under reducing conditions and immunoblotted with A 9851 (1:20 000). Lane 1: A 9851 detects uroguanylin as a band migrating at 12–13 kDa. Lane 2: negative control incubated with non-immune serum. Arrows indicate position of marker peptides (arrow: aprotinin, 9 kDa; double arrow: lysozyme, 16.8 kDa).

Maake C et al. (2003) *Histochem Cell Biol* **119**(1):69-76

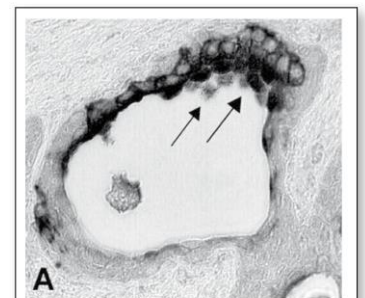


Figure 2: Immunohistochemistry image of uroguanylin staining in cryosection of human prostate. The section was fixed in acetone, incubated with A 9851 (1:2000) 72 h at 4°C and detected using biotin-streptavidin technique. 3,3'-diaminobenzidine was used as the chromogen. A 9851 detects uroguanylin in luminal part of glandular epithelial cells and in cell protrusions (arrows). Original magnification: x400.

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