

Product datasheet for **AP23440SU-N**

Uroguanylin (GUCA2B) Rabbit Polyclonal Antibody

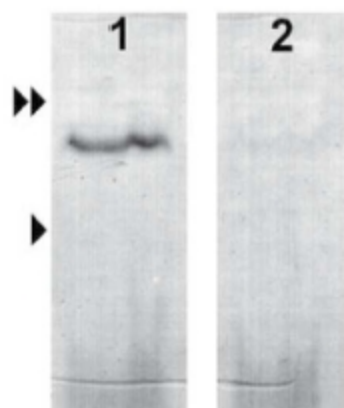
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1/20,000 (Ref.1). Immunohistochemistry on Frozen Sections: 1/2,000 (Ref.1).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic Human Uroguanylin
Specificity:	This antibody recognizes Synthetic Human Uroguanylin.
Formulation:	State: Serum State: Lyophilized Serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	guanylate cyclase activator 2B
Database Link:	Entrez Gene 2981 Human Q16661
Synonyms:	UGN
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



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Product images:



Western blot analysis of AP23440SU specificity. Prostatic fluid from healthy donors was separated by SDS-PAGE und reducing conditions and immunoblotted with AP23440SU (1/20,000). Lane 1: AP23440SU detects Uroguanylin as a band migrating at 12-13 kDa. Lane 2: Negative Control incubated with non-immune Serum. Arrow: Aprotinin, 9 kDa. Double Arrow: Lysozyme, 16.8 kDa. Maake C et al. (2003). *Histochem Cell Biol* 119 (1):69-76.



Immunohistochemistry of Uroguanylin staining in Cryosection of Human Prostate. The section was Fixed in Acetone, incubated with AP23440SU (1/2000) 72h at 4°C and detected using Biotin-Streptavidin technique. 3, 3'-di-aminobenzidine was used as the Chromogen. This antibody detects Uroguanylin in luminal part of glandular epithelial cells and in cell protrusions (arrows). Maake C et al. (2003). *Histochem Cell Biol* 119 (1):69-76.