

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide
Rabbit Polyclonal Antibody
Catalog # AH10806

Specification

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide - Product Information

Application	WB, IF, FC
Primary Accession	O75631
Other Accession	7380 , 632787
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit / IgG
Calculated MW	-30kDa KDa

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide - Additional Information

Gene ID 7380

Other Names

Uroplakin-3a, UP3a, Uroplakin III, UPIII, UPK3A, UPK3

Application Note

WB~~1:1000<br \>IF~~1:50~200<br \>FC~~1:10~50

Format

200ug/ml of Ab purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide - Protein Information

Name UPK3A

Synonyms UPK3

Function

Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane

elaborated by terminally differentiated urothelial cells. May play an important role in AUM-cytoskeleton interaction in terminally differentiated urothelial cells. It also contributes to the formation of urothelial glycocalyx which may play an important role in preventing bacterial adherence (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type I membrane protein. Note=Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER).

Tissue Location

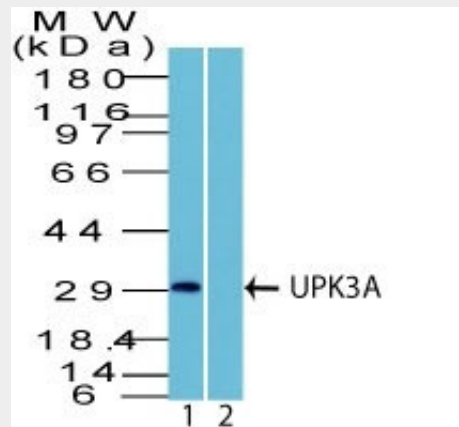
Expressed in ureter..

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide - Images



Western Blot in human HEK293 Lysate in 1) absence and 2) presence of immunizing peptide using UPK3A Rabbit Polyclonal Antibody.

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide - Background

Uroplakin-3A (UPK3A) is a component of the asymmetric unit membrane (AUM). It is a highly specialized bio-membrane made by terminally differentiated urothelial cells. The protein may play an important role in AUM-cytoskeleton interaction in terminally differentiated urothelial cells. UPK3A also contributes to the formation of urothelial glycocalyx, which may play an important role in preventing bacterial adherence through FimH bacterial protein binding leading to bladder infection. UPK3A has been shown as a helpful marker for the detection of bladder cancer.

Uroplakin 3A (Bladder Carcinoma Marker) Antibody - With BSA and Azide - References

Lai Y et. al. 2010. UPK3A: a promising novel urinary marker for the detection of bladder cancer.
Urology 76, 514; 2009