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Uroplakin3a Antibody

Rabbit mAb
Catalog # AP92047

Product Information

Application	IHC, FC
Primary Accession	O75631
Reactivity	Human
Clonality	Monoclonal
Other Names	UP3a; UPIII; UPIIIA; UPK3; UPK3A; Uroplakin3A; UroplakinIII;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	30670

Additional Information

Dilution	IHC 1:1000~1:500 FC 1:100
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Uroplakin III
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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..

Images

Image not found : 202311/AP92047-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human bladder, using Uroplakin III Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.