

Recombinant Anti-Uroplakin 3a Rabbit mAb

Catalog # AP95308

Product Information

Application	WB, IHC, FC
Primary Accession	O75631
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	30670

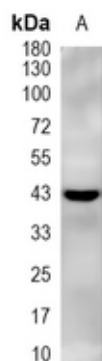
Additional Information

Gene ID	7380
Other Names	UPK3; Uroplakin-3a; UP3a; Uroplakin III; UPIII
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Uroplakin 3a protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

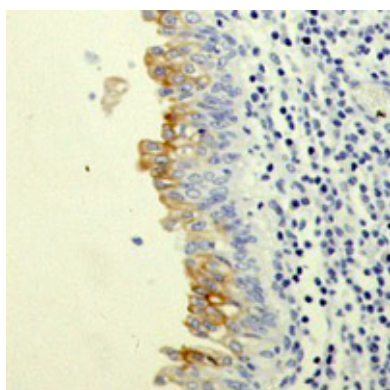
Protein Information

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



Western blot analysis of Uroplakin 3a expression in mouse heart (A) whole cell lysates. (Predicted band size: 31 kD; Observed band size: 43 kD)



Immunohistochemical analysis of Uroplakin 3a staining in human bladder formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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