

**Anti-Uroplakin 3a Antibody**  
**Catalog # AP54140****Specification**

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**Anti-Uroplakin 3a Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">O75631</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	30670

**Anti-Uroplakin 3a Antibody - Additional Information****Gene ID** 7380**Other Names**

UPK3; Uroplakin-3a; UP3a; Uroplakin III; UPIII

**Target/Specificity**

Recognizes endogenous levels of Uroplakin 3a protein.

**Dilution**

IHC~~1:100~500

**Format**

Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-Uroplakin 3a Antibody - 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).

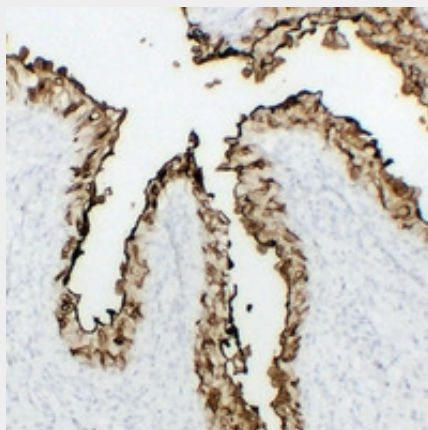
**Tissue Location**

Expressed in ureter..

**Anti-Uroplakin 3a Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Uroplakin 3a Antibody - Images**

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.

**Anti-Uroplakin 3a Antibody - Background**

Mouse monoclonal antibody to Uroplakin 3a