

### Anti-Uroplakin III antibody [SFI-1], prediluted ab78197

★★★★★ [2 Abreviews](#) [2 References](#) [3 图像](#)

#### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-Uroplakin III抗体[SFI-1], prediluted   |
| 描述    | 小鼠单克隆抗体[SFI-1] to Uroplakin III, prediluted   |
| 宿主    | Mouse   |
| 经测试应用 | 适用于: IHC-P  |
| 种属反应性 | 与反应: Human  |
| 免疫原   | Synthetic peptide corresponding to an internal region of Human Uroplakin III.   |
| 阳性对照  | Urothelial tissue, bladder.   |
| 常规说明  | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

#### 性能

|      |   |
|------|---|
| 形式   | Liquid  |
| 存放说明 | Shipped at 4°C. Store at +4°C. Do Not Freeze.   |
| 存储溶液 | Preservative: 0.05% Proclin 300<br>Constituents: 0.363% Tris, 0.1% Tween, 0.58% Sodium chloride, 1% BSA |
| 纯度   | Protein G purified  |
| 克隆   | 单克隆   |
| 克隆编号 | SFI-1   |
| 同种型  | IgG1  |

#### 应用

The Abpromise guarantee

**Abpromise™** 承诺保证使用ab78197于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用    | Ab评论      | 说明  |
|-------|-----------|---|
| IHC-P | ★★★★★ (2) | 1/1. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.<br>Ready to use for 30 min at RT. |

## 靶标

### 功能

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.

### 组织特异性

Expressed in ureter.

### 疾病相关

Defects in UPK3A are a cause of renal adysplasia (RADYS) [MIM:191830]; also known as renal agenesis or renal aplasia. Renal agenesis refers to the absence of one (unilateral) or both (bilateral) kidneys at birth. Bilateral renal agenesis belongs to a group of perinatally lethal renal diseases, including severe bilateral renal dysplasia, unilateral renal agenesis with contralateral dysplasia and severe obstructive uropathy.

### 序列相似性

Belongs to the uroplakin-3 family.

### 细胞定位

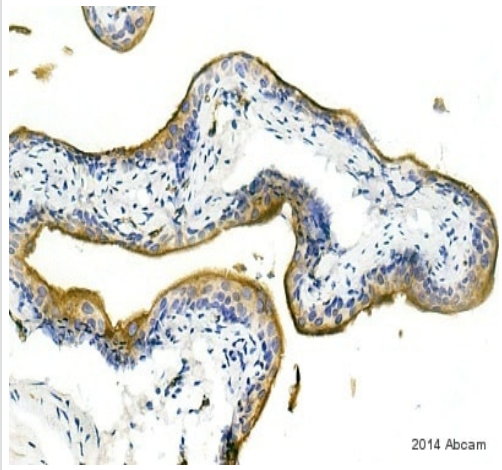
Endoplasmic reticulum membrane. Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER).

## 图片



ab78197 staining Uroplakin III in human bladder by Immunohistochemistry using formalin-fixed, paraffin-embedded tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Uroplakin III antibody [SFI-1], prediluted (ab78197)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Uroplakin III antibody [SFI-1], prediluted (ab78197)

Image courtesy of Carl Hobbs, King College London, U.K.

ab78197 staining Uroplakin III in mouse bladder tissue sections. Tissue was fixed in formaldehyde and heat-mediated antigen retrieval was performed using citric buffer. Blocking was performed with 1% BSA for 10 minutes at 21°C and ab78197 was used at 1/30 for 2 hours at 21°C.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Uroplakin III antibody [SFI-1], prediluted (ab78197)

Image courtesy of Carl Hobbs, King College London, U.K.

ab78197 staining Uroplakin III in rat bladder tissue sections. Tissue was fixed in formaldehyde and heat-mediated antigen retrieval was performed using citric buffer. Blocking was performed with 1% BSA for 10 minutes at 21°C and ab78197 was used at 1/30 for 2 hours at 21°C.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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