

## Uroplakin III (ABT-UPK3) IHC kit

CatalogNo: IHCM6138

### | Key Features

#### Host Species

- Mouse

#### Reactivity

- Human, Mouse,

#### Applications

- IHC

#### Isotype

- IgG1, Lambda

### | Recommended Dilution Ratios

### | Storage

**Storage\*** 2°C to 8°C/1 year

### | Basic Information

**Clonality** Monoclonal

**Clone Number** ABT-UPK3

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human Uroplakin III AA range: 200-287

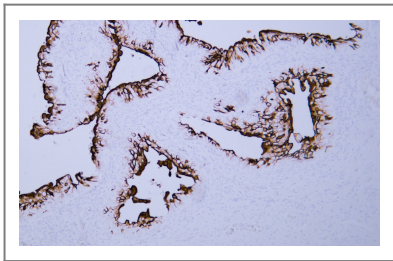
**Specificity** The antibody can specifically recognize human Uroplakin III protein.

### | Target Information

**Gene name** UPK3A UPK3

<b>Protein Name</b>	Uroplakin-3a (UP3a) (Uroplakin III) (UPIII)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">7380;</a>	<a href="#">O75631;</a>
<b>Cellular Localization</b>	Membranous, Cytoplasmic		
<b>Tissue specificity</b>	Expressed in ureter.		
<b>Function</b>	<p>Disease:Defects in UPK3A are a cause of renal adysplasia [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.,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.,similarity:Belongs to the uroplakin-3 family.,subcellular location:Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER).,subunit:Heterodimer with uroplakin-1B (UPK1B).,tissue specificity:Expressed in ureter.,</p>		

## | Validation Data



Human bladder tissue was stained with Anti-Uroplakin III (ABT-UPK3) Antibody

## | Contact information

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**Uroplakin III (ABT-UPK3) IHC kit**