

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

Protein Name Uroplakin-3a (UP3a) (Uroplakin III) (UPIII)

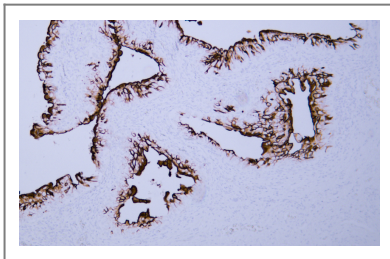
Organism	Gene ID	UniProt ID
Human	7380 ;	O75631 ;

Cellular Localization Membranous, Cytoplasmic

Tissue specificity Expressed in ureter.

Function 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.,

Validation Data



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

Contact information

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