

IHC*easy* UPK1A Ready-To-Use IHC Kit

Catalog Number: **KHC0199**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

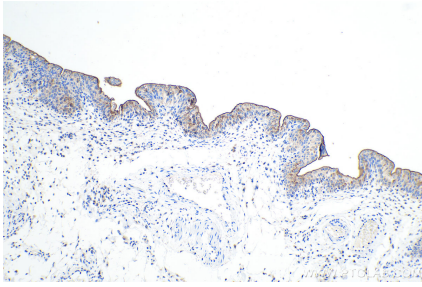
Background

Uroplakins are a group of urothelial differentiation-related membrane proteins. They are components of the asymmetric unit membrane (AUM), which forms the apical plaques of mammalian urothelium and is believed to play a role in strengthening the urothelial apical surface thus preventing the cells from rupturing during bladder distention. Uroplakin-1a (UPK1A) belongs to the tetraspanin (TM4SF) family. UPK1A plays an important role in normal bladder epithelial physiology, possibly in regulating membrane permeability of superficial umbrella cells or in stabilizing the apical membrane.

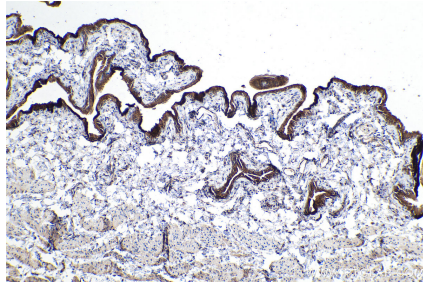
Synonyms

Tetraspanin 21, Tspan 21, TSPAN21, UP1A, UPIA, UPK1A, UPKA, uroplakin 1A, Uroplakin Ia

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded rat bladder tissue slide using KHC0199 (UPK1A IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse bladder tissue slide using KHC0199 (UPK1A IHC Kit).