

For Research Use Only

UPK1B Polyclonal antibody

Catalog Number: 26853-1-AP



Basic Information

Catalog Number: 26853-1-AP	GenBank Accession Number: BC063568	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 7348	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: uroplakin 1B	
Isotype: IgG		
Immunogen Catalog Number: AG25471		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human urothelial carcinoma tissue, mouse bladder tissue
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

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 (PMID: 8175808). Uroplakin-1B (UPK1B) belongs to the tetraspanin (TM4SF) family. UPK1B can promote the proliferation, invasion and metastasis of tumor cells and regulate the development and progression of tumors (PMID: 30229818).

Storage

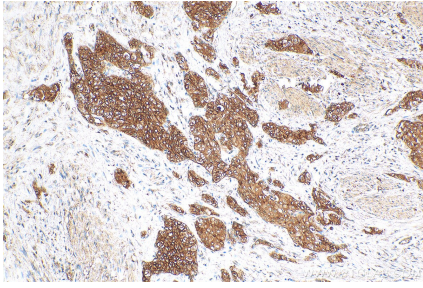
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

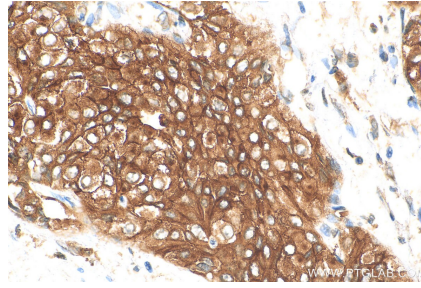
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 26853-1-AP (UPK1B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 26853-1-AP (UPK1B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).