

For Research Use Only

UPK2-Specific Polyclonal antibody

Catalog Number: 19733-1-AP



Basic Information

Catalog Number: 19733-1-AP	GenBank Accession Number: NM_006760	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 220 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7379	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: uroplakin 2	
Isotype: IgG	Calculated MW: 19 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human bladder tissue,
Species Specificity: human	
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-2 (UPIK2) is a single-pass type I membrane protein. UPK2 may play an important role in regulating the assembly of the AUM.

Storage

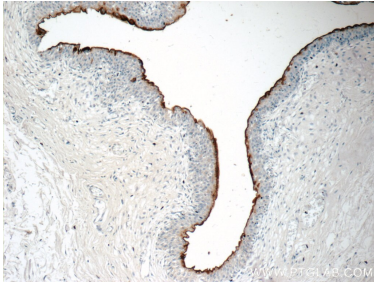
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

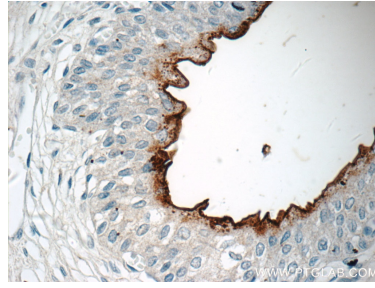
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human bladder tissue slide using 19733-1-AP (UPK2-Specific Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human bladder tissue slide using 19733-1-AP (UPK2-Specific Antibody) at dilution of 1:200 (under 40x lens).