

For Research Use Only

UPK2-Specific Polyclonal antibody

Catalog Number: 19733-1-AP



Basic Information

Catalog Number:

19733-1-AP

Size:

150ul , Concentration: 220 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006760

GeneID (NCBI):

7379

UNIPROT ID:

O00526

Full Name:

uroplakin 2

Calculated MW:

19 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Positive Controls:

IHC : human bladder tissue,

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 (UPK2) 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

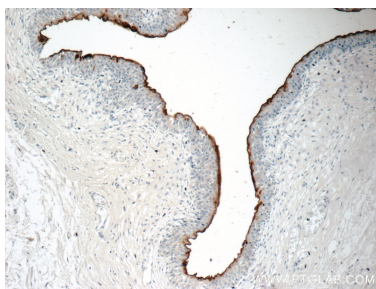
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

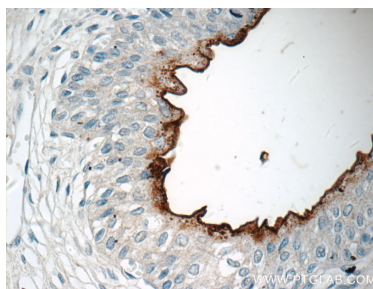
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).