

UPK1B Polyclonal antibody

Catalog Number: 26853-1-AP

Basic Information

Catalog Number:

26853-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25471

GenBank Accession Number:

BC063568

GeneID (NCBI):

7348

UNIPROT ID:

O75841

Full Name:

uroplakin 1B

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

Positive Controls:

IHC : human urothelial carcinoma tissue, mouse 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-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:

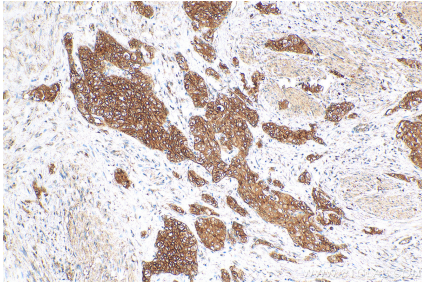
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

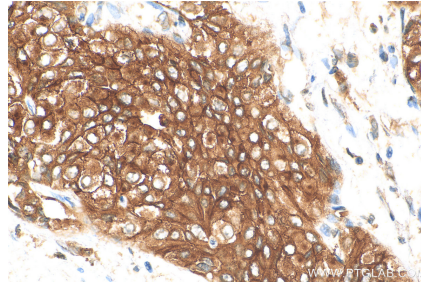
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).