

For Research Use Only

UPK3A Recombinant antibody

Catalog Number: 83499-3-RR



Basic Information

Catalog Number:

83499-3-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006953

GeneID (NCBI):

7380

UNIPROT ID:

O75631

Full Name:

uroplakin 3A

Calculated MW:

31 kDa

Observed MW:

47 kDa

Purification Method:

Protein A purification

CloneNo.:

240488B9

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, MDA-MB-231 cells

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 III (UPK3A) is a promising new urine marker for bladder cancer detection (PMID: 20346489). Loss of UPK3A expression is associated with clinicopathological features of invasive bladder cancer and poor prognosis in upper tract urothelial carcinoma (PMID: 18313120; PMID: 16686732). UPK3A has a calculated molecular weight of 30.7 kDa, with an apparent molecular weight of 47 kDa due to three potential N-glycosylation sites.

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

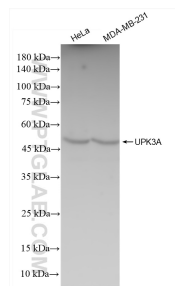
For technical support and original validation data for this product please contact:

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83499-3-RR (UPK3A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.