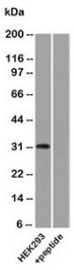
Uroplakin 3A Antibody (V2295)

Catalog No.	Formulation	Size
V2295-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2295-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2295SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	7380
Localization	Cell surface
Applications	Western blot: 0.5-1ug/ml
Limitations	This **Uroplakin 3A antibody** is available for research use only.



Western blot analysis of human HEK293 lysate using Uroplakin 3A antibody.

Description

Uroplakin 3A (UPK3A) is a component of the asymmetric unit membrane (AUM). It is a highly specialized bio-membrane made by terminally differentiated urothelial cells. Uroplakin 3A may play an important role in AUM-cytoskeleton interaction

in terminally differentiated urothelial cells. It also contributes to the formation of urothelial glycocalyx, which may play an important role in preventing bacterial adherence through FimH bacterial protein binding leading to bladder infection. Uroplakin 3A has been shown as a helpful marker for the detection of bladder cancer.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titered up or down for optimal performance.

Immunogen

A synthetic peptide, aa 260-279 (GASESSYTSVNRGPPLDRAE) of human Uroplakin 3A was used as the immunogen for this antibody.

Storage

Store the Uroplakin 3A antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

UP3a, UPIIIA, UPK3A, UroplakinIII (UPIII), Uroplakin3A, Uroplakin 3A antibody

References (1)

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