

Uroplakin III Blocking Peptide
Catalog # PBV10269b**Specification**

Uroplakin III Blocking Peptide - Product Information

Primary Accession	O75631
Gene ID	7380
Calculated MW	30670

Uroplakin III Blocking Peptide - Additional Information**Gene ID** 7380**Application & Usage**

The peptide is used for blocking the antibody activity of Uroplakin III. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Uroplakin-3a, UP3a, Uroplakin III, UPIII, UPK3A, UPK3

Target/Specificity

Uroplakin III

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Uroplakin III Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Uroplakin III Blocking Peptide - Protein Information**Name** UPK3A**Synonyms** UPK3**Function**

Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. 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 (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type I membrane protein. Note=Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER).

Tissue Location

Expressed in ureter..

Uroplakin III Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Uroplakin III Blocking Peptide - Images