

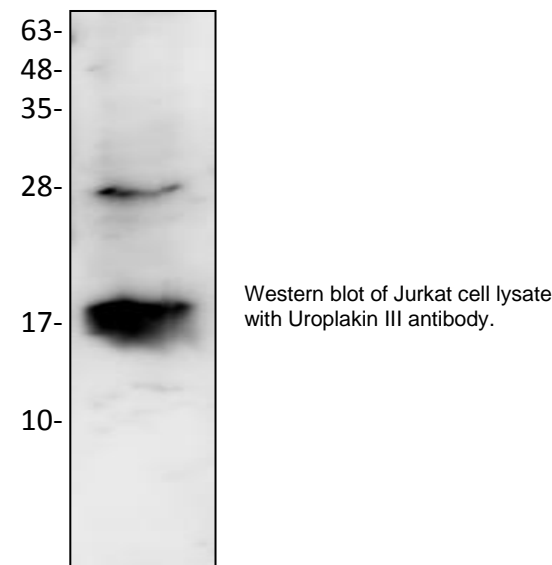
# Uroplakin III Antibody

<b>ALTERNATE NAMES:</b>	Uroplakin-3a, UPK IIIa	
<b>CATALOG #:</b>	3620-30T	30 µg (Trial size)
	3620-100	100 µg
<b>HOST:</b>	Rabbit	
<b>ISOTYPE:</b>	IgG	
<b>IMMUNOGEN:</b>	Synthetic peptide C-terminal (BV-L28)	
<b>PURIFICATION:</b>	Affinity purified rabbit IgG	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	0.5 mg/ml of antibody in PBS, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol, pH 7.2	
<b>SPECIES REACTIVITY:</b>	Human, Mouse and Rat.	
<b>STORAGE CONDITIONS:</b>	Store for 1 year at -20°C from date of shipment. Avoid repeated freeze/thaw cycles.	

**DESCRIPTION:** Uroplakin IIIa is a component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. It 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. Defects in UPK3A are a cause of renal adysplasia (RADYS) also known as renal agenesis or renal aplasia. Renal agenesis refers to the absence of one (unilateral) or both (bilateral) kidneys at birth. Bilateral renal agenesis belongs to a group of perinatally lethal renal diseases, including severe bilateral renal dysplasia, unilateral renal agenesis with contralateral dysplasia and severe obstructive uropathy.

**APPLICATION:** Western blot: 1:200

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



## RELATED PRODUCTS:

- Uroplakin III Blocking Peptide (**Cat. No. 3620BP-50**)
- UPK3a, human recombinant (**Cat. No. 7188-01, -50**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**