

UPK3B Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17679c

Specification

UPK3B Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9BT76
Other Accession	NP_085047.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33882
Antigen Region	192-219

UPK3B Antibody (Center) - Additional Information

Gene ID 105375355

Other Names

Uroplakin-3b, UP3b, Uroplakin IIIb, UPIIIb, p35, UPK3B

Target/Specificity

This UPK3B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-219 amino acids from the Central region of human UPK3B.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

UPK3B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

UPK3B Antibody (Center) - Protein Information

Name UPK3B

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

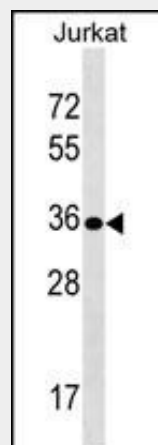
Cell membrane; Single-pass type I membrane protein. Note=Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER)

UPK3B Antibody (Center) - 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](#)

UPK3B Antibody (Center) - Images



UPK3B Antibody (Center) (Cat. #AP17679c) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the UPK3B antibody detected the UPK3B protein (arrow).

UPK3B Antibody (Center) - Background

UPK3B is a minor component of the apical plaques of mammalian urothelium that binds and dimerizes with uroplakin-1b (UPK1B; MIM 602380), one of the major conserved urothelium membrane proteins. The other major conserved integral membrane proteins of urothelial plaques are UPK1A (MIM 611557), UPK2 (MIM 611558), and UPK3A (MIM 611559) (Deng et al., 2002 [PubMed 12446744]). [supplied by OMIM].

UPK3B Antibody (Center) - References

Foot, N.J., et al. Blood 112(10):4268-4275(2008)
Lamesch, P., et al. Genomics 89(3):307-315(2007)

Garcia-Espana, A., et al. Mol. Phylogenet. Evol. 41(2):355-367(2006)
Deng, F.M., et al. J. Cell Biol. 159(4):685-694(2002)