

UPK3B Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17679c**Specification**

UPK3B Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9BT76](#)

UPK3B Antibody (Center) Blocking Peptide - Additional Information

Gene ID 105375355

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

UPK3B Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UPK3B Antibody (Center) Blocking Peptide - Images

UPK3B Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)