10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

UPK1B Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14995b

Specification

UPK1B Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O75841

UPK1B Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7348

Other Names
Uroplakin-1b, UP1b, Tetraspanin-20, Tspan-20, Uroplakin Ib, UPIb, UPK1B, TSPAN20

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.

UPK1B Antibody (C-term) Blocking Peptide - Protein Information

Name UPK1B

Synonyms TSPAN20

Function
Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. May play an important role in normal bladder epithelial physiology, possibly in regulating membrane permeability of superficial umbrella cells or in stabilizing the apical membrane through AUM/cytoskeletal interactions (By similarity).

Cellular Location
Membrane; Multi-pass membrane protein.

Tissue Location
Bladder epithelium.

UPK1B Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

UPK1B Antibody (C-term) Blocking Peptide - Images

UPK1B Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene is a member of thetransmembrane 4 superfamily, also known as the tetraspanin family.Most of these members are cell-surface proteins that arecharacterized by the presence of four hydrophobic domains. Theproteins mediate signal transduction events that play a role in theregulation of cell development, activation, growth and motility.This encoded protein is found in the asymmetrical unit membrane(AUM) where it can form a complex with other transmembrane 4superfamily proteins. It may play a role in normal bladderepithelial physiology, possibly in regulating membrane permeabilityof superficial umbrella cells or in stabilizing the apical membranethrough AUM/cytoskeletal interactions. The use of alternatepolyadenylation sites has been found for this gene. [provided byRefSeq].

UPK1B Antibody (C-term) Blocking Peptide - References

Kalma, Y., et al. Fertil. Steril. 91(4):1042-1049(2009)Lamesch, P., et al. Genomics 89(3):307-315(2007)Cowled, P., et al. Neoplasia 7(12):1091-1103(2005)Varga, A.E., et al. Neoplasia 6(2):128-135(2004)Tu, L., et al. Mol. Biol. Cell 13(12):4221-4230(2002)