

UPK1B Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9725c

Specification

UPK1B Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O75841](#)

UPK1B Antibody (Center) 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 (Center) 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 (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UPK1B Antibody (Center) Blocking Peptide - Images

UPK1B Antibody (Center) Blocking Peptide - Background

UPK1B is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This protein is found in the asymmetrical unit membrane (AUM) where it can form a complex with other transmembrane 4 superfamily proteins. It may play a 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.

UPK1B Antibody (Center) Blocking Peptide - References

Kalma, Y., et al. Fertil. Steril. 91(4):1042-1049(2009)
Cowled, P., et al. Neoplasia 7(12):1091-1103(2005)
Varga, A.E., et al. Neoplasia 6(2):128-135(2004)