

UPK1B Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14995B

Specification

UPK1B Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O75841
Other Accession	NP_008883.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	29643
Antigen Region	160-188

UPK1B Antibody (C-term) - Additional Information

Gene ID 7348

Other Names

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

Target/Specificity

This UPK1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-188 amino acids from the C-terminal region of human UPK1B.

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

UPK1B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UPK1B Antibody (C-term) - 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

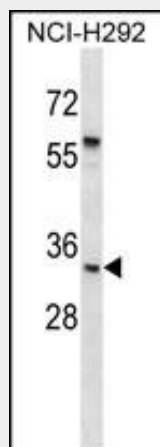
Bladder epithelium.

UPK1B Antibody (C-term) - 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](#)

UPK1B Antibody (C-term) - Images



UPK1B Antibody (C-term) (Cat. #AP14995b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the UPK1B antibody detected the UPK1B protein (arrow).

UPK1B Antibody (C-term) - Background

The protein encoded by this gene 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 encoded 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. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq].

UPK1B Antibody (C-term) - 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)