

Product datasheet for **AP54477PU-N**

Uroplakin Ib (UPK1B) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 160-188 amino acids from the C-terminal region of human UPK1B
Specificity:	This antibody detects Uroplakin-1b (UPK1B) (C-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	uroplakin 1B
Database Link:	Entrez Gene 7348 Human O75841



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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].

Synonyms:

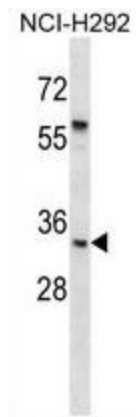
UP1b, Uroplakin Ib, UPIb, Tetraspanin-20, TSPAN20, Tspan-20

Note:

Molecular Weight: 29643 Da

Protein Families:

Transmembrane

Product images:

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