

Product datasheet for **AP54475PU-N**

Uroplakin Ia (UPK1A) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 197~227 amino acids from the C-terminal region of human UPK1A
Specificity:	This antibody detects Uroplakin-1a (UPK1A) (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 at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	uroplakin 1A
Database Link:	Entrez Gene 11045 Human O00322



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Background:

The protein 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 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.

Synonyms:

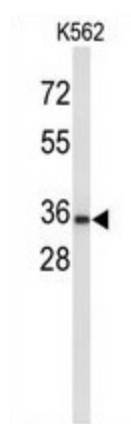
UP1a, Uroplakin Ia, UPIa, UPKa, Tetraspanin-21, TSPAN21, Tspan-21

Note:

Molecular Weight: 28879 Da

Protein Families:

Transmembrane

Product images:

Western blot analysis of UPK1A Antibody (C-term) in K562 cell line lysates (35 ug/lane). UPK1A (arrow) was detected using the purified Pab.