

Product datasheet for **TA319733**

Uroplakin Ib (UPK1B) Rabbit Polyclonal Antibody

Product data:

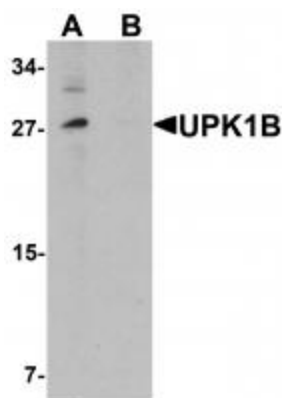
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	UPK1B antibody was raised against a 17 amino acid synthetic peptide near the center of human UPK1B.
Formulation:	UPK1B Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	UPK1B Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	uroplakin 1B
Database Link:	NP_008883 Entrez Gene 22268 Mouse Entrez Gene 303924 Rat Entrez Gene 7348 Human O75841
Background:	UPK1B Antibody: Uroplakin-1B (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. UPK1B is found in the asymmetrical unit membrane (AUM) where it can form a complex with other transmembrane 4 superfamily proteins and 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:	TSPAN20; UPIB; UPK1



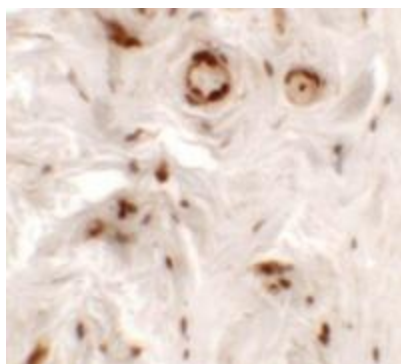
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Protein Families: Transmembrane

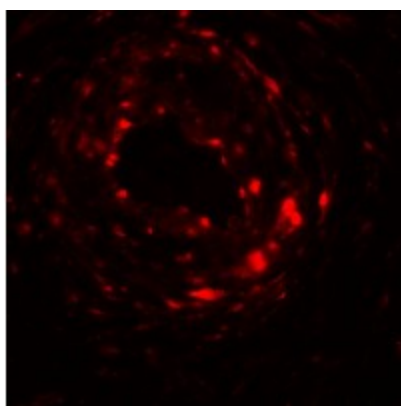
Product images:



Western blot analysis of UPK1B in mouse bladder tissue lysate with UPK1B antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of UPK1B in human bladder tissue with UPK1B antibody at 5 ug/mL.



Immunofluorescence of UPK1B in human bladder muscle tissue with UPK1B antibody at 20 ug/mL.