

Rabbit UPK1B Polyclonal Antibody | anti-UPK1B antibody

UPK1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39950	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

UPK1B; Polyclonal Antibody; UPK1B Antibody; UPIB; UPK1; TSPAN20; Uroplakin-1b; Tetraspanin-20; UP1b; uroplakin 1B; anti-UPK1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of UPK1B are known to exist; this antibody will recognize both isoforms. UPK1B antibody is predicted to not cross-react with other tetraspanin protein family members.
Purity/Purification	UPK1B Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	260
Applicable Applications for anti-UPK1B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	UPK1B antibody was raised against a 17 amino acid synthetic peptide near the center of human UPK1B.
Buffer	UPK1B Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	UPK1B antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of UPK1B in human kidney tissue lysate with UPK1B antibody at 1 μg/mL in the (A) absence and (B) presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-UPK1B antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49619237
NCBI GeneID	7348
NCBI Accession #	NP_008883
NCBI GenBank Nucleotide #	NM_006952.3
UniProt Accession #	O75841; O60753; Q9UIM2; Q9UNX6
Molecular Weight	29,643 Da
NCBI Official Full Name	uroplakin-1b
NCBI Official Synonym Full Names	uroplakin 1B
NCBI Official Symbol	UPK1B
NCBI Official Synonym Symbols	UPIB; UPK1; TSPAN20
NCBI Protein Information	uroplakin-1b; UP1b; tspan-20; tetraspan; uroplakin 1b; tetraspanin-20
UniProt Protein Name	Uroplakin-1b
UniProt Gene Name	UPK1B
UniProt Synonym Gene Names	TSPAN20; UP1b; Tspan-20; UPIb
UniProt Entry Name	UPK1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/upk1b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39950>