

Rabbit anti-Human UPK1B Polyclonal Antibody | anti-UPK1B antibody

UPK1B Antibody (Center)

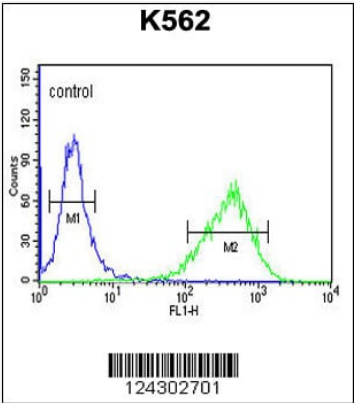
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288312	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

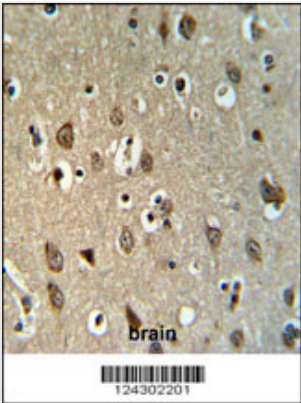
UPK1B; Polyclonal Antibody; UPK1B Antibody (Center); Uroplakin-1b; UP1b; Tetraspanin-20; Tspan-20; Uroplakin Ib; UPIb; TSPAN20; anti-UPK1B antibody

PRODUCT SPECIFICATIONS

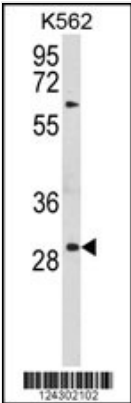
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UPK1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-188 amino acids from the Central region of human UPK1B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.27 (varies by lot)
Sequence Positions	159-188
Sequence Length	260
Applicable Applications for anti-UPK1B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
UPK1B Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
UPK1B Antibody (Center) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the UPK1B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of UPK1B Antibody (Center) in K562 cell line lysates (35ug/lane). UPK1B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-UPK1B antibody	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. This 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.
Product Categories/Family for anti-UPK1B antibody	Signal Transduction
References	Kalma, Y., et al. Fertil. Steril. 91(4):1042-1049(2009) Cowled, P., et al. Neoplasia 7(12):1091-1103(2005) Varga, A.E., et al. Neoplasia 6(2):128-135(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	49619237
NCBI GeneID	7348
NCBI Accession #	NP_008883.2

NCBI GenBank Nucleotide #	NM_006952.3
UniProt Accession #	O75841 ; O60753 ; Q9UIM2 ; Q9UNX6
Molecular Weight	29643
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/upk1b-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/288312>