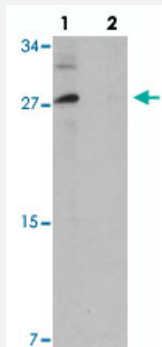


# UPK1B polyclonal antibody

Catalog # PAB25730

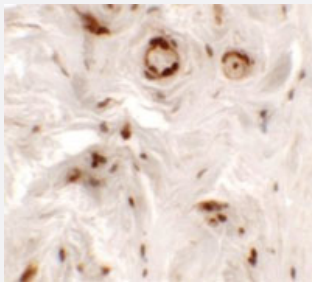
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of UPK1B in mouse bladder tissue with UPK1B polyclonal antibody (Cat # PAB25730) at 0.5 ug/mL in (lane 1) the absence and (lane 2) the presence of blocking peptide.



### Immunohistochemistry

Immunohistochemical analysis of UPK1B in human bladder tissue with UPK1B polyclonal antibody (Cat # PAB25730) at 5 ug/mL.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of UPK1B.
<b>Immunogen</b>	A synthetic peptide corresponding to 17 amino acids at internal region of human UPK1B.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	At least two isoforms of UPK1B are known to exist; this antibody will recognize both isoforms. UPK1 B antibody is predicted to not cross-react with other tetraspanin protein family members.
<b>Form</b>	Liquid

Purification	Peptide affinity purification
Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Western Blot (0.5-1 ug/mL) Immunohistochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of UPK1B in mouse bladder tissue with UPK1B polyclonal antibody (Cat # PAB25730) at 0.5 ug/mL in (lane 1) the absence and (lane 2) the presence of blocking peptide.

- Immunohistochemistry

Immunohistochemical analysis of UPK1B in human bladder tissue with UPK1B polyclonal antibody (Cat # PAB25730) at 5 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — UPK1B

Entrez GeneID	<a href="#">7348</a>
Protein Accession#	<a href="#">NP_008883</a>
Gene Name	UPK1B
Gene Alias	TSPAN20, UPIB, UPK1
Gene Description	uropalakin 1B
Omim ID	<a href="#">602380</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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]

**Other Designations**

tetraspan