

Datasheet for ABIN955480  
**anti-Uroplakin 1B antibody (Middle Region)**

## 3 Images

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## Overview

Quantity:	0.4 mL
Target:	Uroplakin 1B (UPK1B)
Binding Specificity:	AA 166-196, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Uroplakin 1B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 166~196 amino acids from the Central region of human UPK1B
Isotype:	Ig Fraction
Specificity:	This antibody detects Uroplakin-1b (UPK1B) (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

## Target Details

Target:	Uroplakin 1B (UPK1B)
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## Target Details

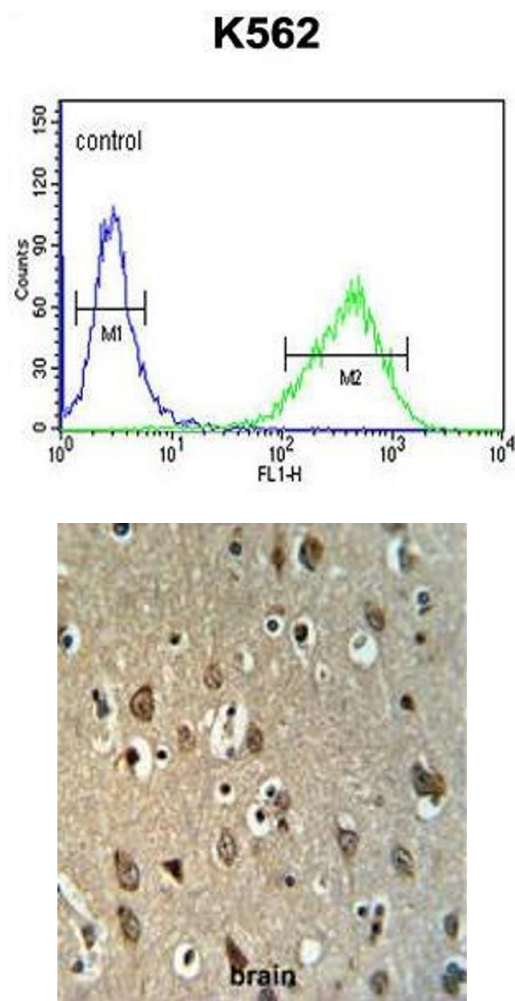
Alternative Name:	Uroplakin-1b (UPK1B) ( <a href="#">UPK1B Products</a> )
Background:	UPK1B is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins 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.Synonyms: TSPAN20, Tetraspanin-20, Tspan-20, UP1b, UPIb, Uroplakin Ib
Gene ID:	7348
NCBI Accession:	<a href="#">NP_008883</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.

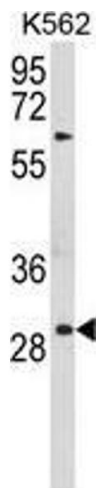


### Flow Cytometry

**Image 1.** 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.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** 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.



### Western Blotting

**Image 3.** Western blot analysis of UPK1B Antibody (Center) in K562 cell line lysates (35 µg/lane). UPK1B (arrow) was detected using the purified Pab.