

Datasheet for ABIN955479
anti-UPK1A antibody (C-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	0.4 mL
Target:	UPK1A
Binding Specificity:	AA 197-227, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UPK1A antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 197~227 amino acids from the C-terminal region of human UPK1A
Isotype:	Ig Fraction
Specificity:	This antibody detects Uroplakin-1a (UPK1A) (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	UPK1A
Alternative Name:	Uroplakin-1a (UPK1A) (UPK1A Products)

Target Details

Background: The protein 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 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: TSPAN21, Tetraspanin-21, Tspan-21, UP1a, UPIa, UPKa, Uroplakin Ia

Gene ID: 11045

NCBI Accession: [NP_008931](#)

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.

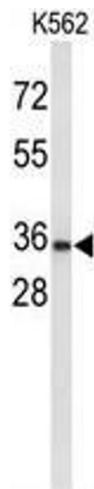
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.

Publications

Product cited in: Feenstra, Thøgersen, Wieser, Peschel, Ball, Brandes, Satchell, Stockner, Aarestrup, Rees, Kain: "Adhesion of Escherichia coli under flow conditions reveals potential novel effects of FimH mutations." in: **European journal of clinical microbiology & infectious diseases : official**

publication of the **European Society of Clinical Microbiology**, Vol. 36, Issue 3, pp. 467-478, (2017) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of UPK1A Antibody (C-term) in K562 cell line lysates (35 µg/lane). UPK1A (arrow) was detected using the purified Pab.