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Datasheet for ABIN6991587

anti-Uroplakin 1B antibody (AA 110-160)

Overview

Quantity:	0.1 mg
Target:	Uroplakin 1B (UPK1B)
Binding Specificity:	AA 110-160
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Uroplakin 1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	UPK1B antibody was raised against a 17 amino acid synthetic peptide near the center of human UPK1B. The immunogen is located within amino acids 110 - 160 of UPK1B.
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.
Purification:	UPK1B Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Uroplakin 1B (UPK1B)
Alternative Name:	UPK1B (UPK1B Products)

Target Details

Background:	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.
Molecular Weight:	Predicted: 29 kDa Observed: 30 kDa
Gene ID:	7348
NCBI Accession:	NP_008883
UniProt:	O75841

Application Details

Application Notes:	UPK1B antibody can be used for detection of UPK1B by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	UPK1B Antibody is supplied in PBS containing 0.02 % 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

Storage: -20 °C, 4 °C

Storage Comment: UPK1B antibody can be stored at 4°C for three months and -20°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.