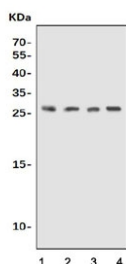


UPK1B Antibody / Uroplakin 1B (RQ6344)

Catalog No.	Formulation	Size
RQ6344	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O75841
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This UPK1B antibody is available for research use only.



Western blot testing of 1) human K562, 2) human SK-OV-3, 3) rat stomach and 4) mouse stomach lysate with UPK1B antibody. Predicted molecular weight ~30 kDa.

Description

Uroplakin 1B, also known as UPK1B, is a protein which in humans is encoded by the UPK1B gene. 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.

Application Notes

Optimal dilution of the UPK1B antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids I107-Q216) was used as the immunogen for the UPK1B antibody.

Storage

After reconstitution, the UPK1B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.