

Datasheet for ABIN7076160

anti-UPK1A antibody

3 Images

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Overview

Quantity:	100 µL
Target:	UPK1A
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UPK1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse Uroplakin Ia
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	UPK1A
Alternative Name:	Uroplakin Ia (UPK1A Products)
Background:	Uroplakins are a group of urothelial differentiation-related membrane proteins. They are components of the asymmetric unit membrane (AUM), which forms the apical plaques of mammalian urothelium and is believed to play a role in strengthening the urothelial apical surface thus preventing the cells from rupturing during bladder distention . Uroplakin-1a (UPK1A) belongs to the tetraspanin (TM4SF) family. UPK1A plays an important role in normal

Target Details

	bladder epithelial physiology, possibly in regulating membrane permeability of superficial umbrella cells or in stabilizing the apical membrane.
Molecular Weight:	29 kDa
Gene ID:	109637
NCBI Accession:	NP_081091
UniProt:	Q9D132

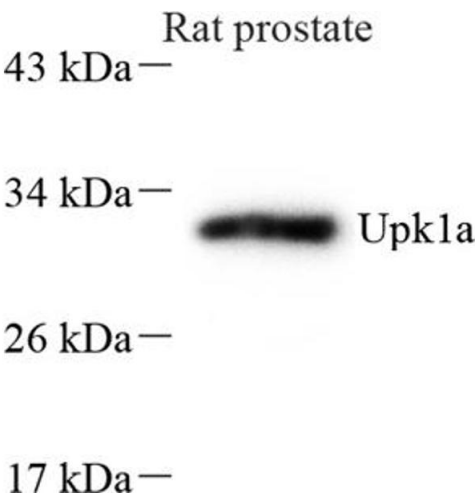
Application Details

Application Notes:	WB (R) 1:300-1:600, IHC/IF (M,R) 1:2000-1:4000
Restrictions:	For Research Use only

Handling

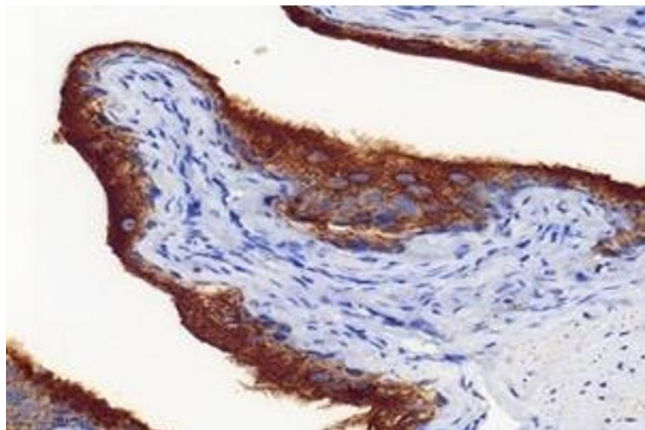
Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Images



Western Blotting

Image 1. Western blot analysis of Upk1a (ABIN7076160) at dilution of 1: 600



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffin-embedded mouse bladder using, Uroplakin Ia (ABIN7076160) at dilution of 1: 4000



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis of paraffin-embedded rat bladder using, Uroplakin Ia (ABIN7076160) at dilution of 1: 4000