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Datasheet for ABIN6938727 **anti-UPK1A antibody (AA 114-173)**

Overview

Quantity:	100 µg
Target:	UPK1A
Binding Specificity:	AA 114-173
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UPK1A antibody is un-conjugated
Application:	ELISA, Coating (Coat), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment (around aa 114-173) of human Uroplakin 1A (UPK1A) protein (exact sequence is proprietary)
Clone:	UPK1A-2921
Isotype:	IgG2b kappa
Specificity:	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 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

Product Details

	or in stabilizing the apical membrane through AUM/cytoskeletal interactions. The protein may also play a role in tumor suppression.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	UPK1A
Alternative Name:	UPK1A (UPK1A Products)
Background:	UP1A, UPIA, UPKA, TSPAN21,Uroplakin 1A (Urothelial Differentiation Marker) Cellular localisation: Cell Surface
Molecular Weight:	29kDa
Gene ID:	11045, 159309
UniProt:	O00322

Application Details

Application Notes:	Known_Application: ELISA (For coating, order Ab without BSA), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: Urinary Bladder.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months