

Datasheet for ABIN678475

**anti-Uromodulin antibody (AA 351-450) (Biotin)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Uromodulin (UMOD)
Binding Specificity:	AA 351-450
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Uromodulin antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Human Uromodulin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

## Target Details

Target:	Uromodulin (UMOD)
Alternative Name:	Uromodulin ( <a href="#">UMOD Products</a> )

## Target Details

Background:	<p>Synonyms: ADMCKD2, FJHN, HNFJ, HNFJ1, MCKD2, medullary cystic kidney disease 2 autosomal dominant, Tamm Horsfall glycoprotein, Tamm Horsfall urinary glycoprotein, Tamm-Horsfall urinary glycoprotein, THGP, THP, Umod, UROM_HUMAN, Uromodulin.</p> <p>Background: Uromodulin: Functions in biogenesis and organization of the apical membrane of epithelial cells of the thick ascending limb of Henle's loop (TALH), where it promotes formation of complex filamentous gel-like structure providing the water barrier permeability. May serve as a receptor for binding and endocytosis for cytokines (IL-1, IL-2) and TNF. Facilitates neutrophil migration across renal epithelia. Uromodulin, secreted form: Secreted into urine after proteolytical cleavage. Into the urine, may contribute to colloid osmotic pressure, retards passage of positively charged electrolytes, prevents urinary tract infection and modulates formation of supersaturated salts and their crystals.</p>
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Gene ID:	7369
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UniProt:	<a href="#">P07911</a>
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## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months