



Datasheet for ABIN521251
anti-Uromodulin antibody (AA 1-611)



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1 Publication

Overview

Quantity:	50 µg
Target:	Uromodulin (UMOD)
Binding Specificity:	AA 1-611
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Uromodulin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human UMOD protein.
Immunogen:	UMOD (AAH35975, 1 a.a. ~ 611 a.a) full-length human protein.
Sequence:	MGQPSLTWML MVVVASWFIT TAATDTSEAR WCSECHSNAT CTEDEAVTTC TCQEGFTGDG LTCVDLDECA IPGAHNCSAN SSCVNTPGSF SCVCPEGFRL SPGLGCTDVD ECAEPLSHC HALATCVNVV GSYLCVCPAG YRGDGWHCEC SPGSCGPGLD CVPEGDALVC ADPCQAHRTL DEYWRSTEYG EGYACDTRLR GWYRPHPSSD EGIVSRKACA HWSGHCLLD ASVQVKACAG GYYVYNLTAP PECHLAYCTD PSSVEGTCEE CSIDEDCKSN NGRWHCQCKQ DFNITDISLL EHRLECGAND MKVSLGKCQL KSLGFDKVM YLSDSRCSGF NDRDNRDWVS VVTPARDGPC GTVLTRNETH ATYSNTLYLA DEIIIRDNI KINFACSYPL DMKVSLKTAL QPMVSALNIR VGGTGMFTVR MALFQTPSYT QPYQGSSVTL STEAFLYVGT MLDGGDLRF ALLMTNCYAT PSSNATDPLK YFIIQDRCPH TRDSTIQVVE NGESSQGRFS VQMFRAFAGNY DLVYLHCEVY

Product Details

LCDTMNEKCK PTCSGTRFRS GSVIDQSRVL NLGPITRKGV QATVSRAFSS LGLLKVWLPL
LLSATLTLTF Q

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: Uromodulin (UMOD)

Alternative Name: UMOD ([UMOD Products](#))

Background: Full Gene Name: uromodulin
Synonyms: ADMCKD2,FJHN,HNFJ,MCKD2,THGP,THP

Gene ID: 7369

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

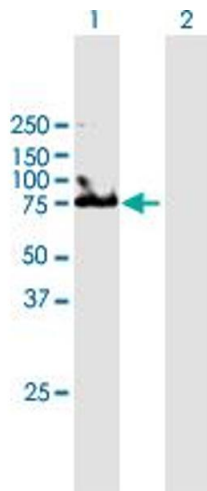
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Larkin, Zhang, Godfrey, Molostvov, Zehnder, Rabbani, Thornalley: "Glucose-induced down regulation of thiamine transporters in the kidney proximal tubular epithelium produces thiamine insufficiency in diabetes." in: **PLoS ONE**, Vol. 7, Issue 12, pp. e53175, (2013) ([PubMed](#)).

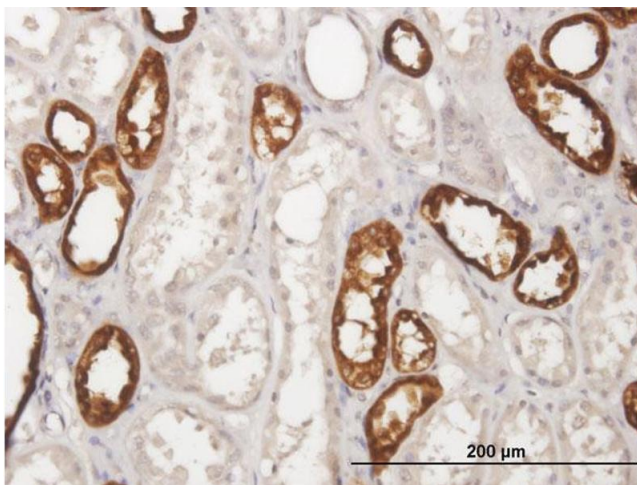


Western Blotting

Image 1. Western Blot analysis of UMOD expression in transfected 293T cell line by UMOD MaxPab polyclonal antibody.

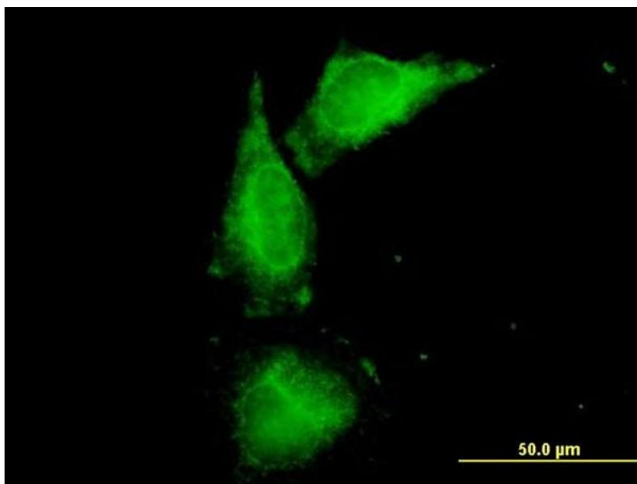
Lane 1: UMOD transfected lysate(67.21 kDa).

Lane 2: Non-transfected lysate.



Immunostaining

Image 2. Immunoperoxidase of purified MaxPab antibody to UMOD on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Immunofluorescence

Image 3. Immunofluorescence of purified MaxPab antibody to UMOD on HeLa cell. [antibody concentration 10 ug/ml]