

Datasheet for ABIN927961
anti-Uromodulin antibody (C-Term)



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1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Uromodulin (UMOD) |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Uromodulin antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | UMOD antibody was raised in rabbit using the C terminal of UMOD as the immunogen |
| Purification: | Purified |

Target Details

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| Target: | Uromodulin (UMOD) |
| Alternative Name: | UMOD (UMOD Products) |
| Background: | This gene encodes uromodulin, the most abundant protein in normal urine. Its excretion in urine follows proteolytic cleavage of the ectodomain of its glycosyl phosphatidylinositol-anchored counterpart that is situated on the luminal cell surface of the loop of Henle. Uromodulin may act as a constitutive inhibitor of calcium crystallization in renal fluids. Excretion of uromodulin in urine may provide defense against urinary tract infections caused by uropathogenic bacteria. |

Target Details

Synonyms: Polyclonal UMOD antibody, Anti-UMOD antibody, uromodulin antibody, ADMCKD2 antibody, FJHN antibody, HNFJ antibody, HNFJ1 antibody, MCKD2 antibody, THGP antibody, THP antibody.

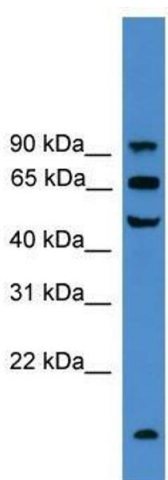
Application Details

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| Application Notes: | WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator. |
| Comment: | UMOD Blocking Peptide, catalog no. 33R-7383, is also available for use as a blocking control in assays to test for specificity of this UMOD antibody |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Concentration: | Lot specific |
| Buffer: | Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer. |
| Handling Advice: | Avoid repeated freeze/thaw cycles. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store at 4 °C, following reconstitution, aliquot and store at -20 °C. |

Images



Western Blotting

Image 1. UMOD antibody used at 0.2-1 ug/ml to detect target protein.