

Goat anti-Uromodulin (aa525-536) Antibody

Item Number	dAP-2721
Target Molecule	Principle Name: Uromodulin (aa525-536); Official Symbol: UMOD; All Names and Symbols: UMOD; uromodulin; ADMCKD2; FJHN; HNFJ; HNFJ1; MCKD2; THGP; THP; OTTHUMP00000162212; OT-THUMP00000162213; Tamm-Horsfall glycoprotein; tamm-Horsfall urinary glycoprotein; uromodulin (uromucoid, Tamm-Horsfall glycoprotein); uromucoid; Accession Number (s): NP_003352.2; Human Gene ID(s): 7369; Non-Human GeneID(s):
Immunogen	DRCPHTRDSTIQ, is from internal region Reported variants represent identical protein: NP_001008390.1, NP_003352.2
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 80kDa band observed in lysates of cell line HeLa (calculated MW of 69.8kDa according to NP_003352.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Williams et al, Hum Mol Gene
IHC	
Reference	Reference(s): Ahluwalia TS, Lindholm E, Groop L, Melander O. Uromodulin gene variant is associated with type 2 diabetic nephropathy. J Hypertens. 2011 Sep;29(9):1731-4..PMID: 21738052->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**