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Research Use Only. Not for diagnostic or therapeutic use.

EB11648 - Goat Anti-Uromodulin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ADMCKD2, FJHN, HNFJ, HNFJ1, MCKD2, OTTHUMP00000162212, OTTHUMP00000162213, Tamm-Horsfall glycoprotein, tamm-Horsfall urinary glycoprotein, THGP, THP, UMOD, uromodulin, uromodulin (uromucoid, Tamm-Horsfall glycoprotein),

uromucoid

Official Symbol: UMOD

Accession Number(s): NP_003352.2

Human GenelD(s): 7369

Important Comments: Reported variants represent identical protein: NP_001008390.1, NP_003352.2; The immunizing peptide represents the C terminus of the mature protein.

Immunogen

Peptide with sequence C-PITRKGVQATVS, from the C Terminus of the protein sequence according to NP_003352.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 65kDa band observed in lysates of cell line HeLa (calculated MW of 69.8kDa according to NP_003352.2). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB11648 ($0.03\mu g/ml$) staining of HeLa lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.