

URAT1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250521

Unit: 0.1 mg

Description:

Urate anion exchanger 1 (URAT1 or SLC22A12) is a transporter from the organic anion transporter family (SLC22A), which is required for efficient urate re-absorption in the kidney. URAT1 regulates blood urate levels and mediates saturable urate uptake by facilitating the exchange of urate against organic anions or chloride ions. URAT1 is mainly detected in kidney cortex and proximal tubules.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: M, R

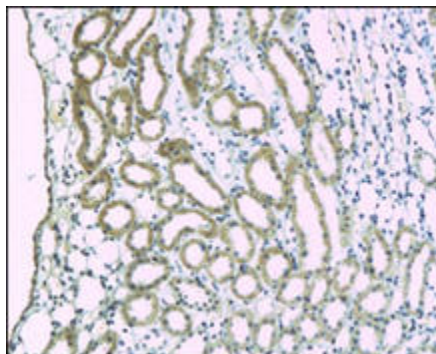
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Solute carrier family 22 member 12; Urate anion exchanger 1; Renal-specific transporter; RST; Slc22a12; Urat1

Accession No.: Q8CFZ5

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of mouse URAT1.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



URAT1 staining in rat kidney. Paraffin-embedded rat kidney is stained with URAT1 Antibody (Cat. No. 250521) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Slyvka Y et al 2013. Open Journal of Endocrine and Metabolic Diseases. 3:63-68 [2] Naud J et al. 2011. Drug Metabolism and Disposition. 39(8):1363-1369. PMID# 21525170.

For research use only, not for diagnostic or therapeutic procedures.