
Product Name: Uromodulin Rabbit Monoclonal Antibody**Catalog #: AMRe87642**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW:71 kDa; Observed MW:90-105 kDa

Antigen Information

Gene Name	Uromodulin
Alternative Names	THP; Urehd1; urehr4
Gene ID	22242, 25128
SwissProt ID	Q91X17, P27590
Immunogen	Recombinant protein of mouse Uromodulin

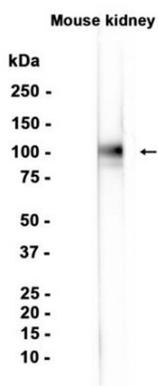
Background

This gene encodes a glycoprotein that is the most abundant protein in mammalian urine under physiological conditions. It is synthesized in the kidney as a glycosyl-phosphatidylinositol anchored protein and released into urine as a soluble form by

proteolytic cleavage. It is thought to regulate water and salt balance in the thick ascending limb of Henle and to protect against urinary tract infection and calcium oxalate crystal formation. In mouse deficiency of this gene is associated with increased susceptibility to bacterial infections and formation of calcium crystals in kidneys. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Research Area

Image Data



Western blot analysis of extracts from Mouse brain kidney using Uromodulin Rabbit Monoclonal Antibody at 1:1000.