

anti- Uromodulin antibody

Product Information

Catalog No.:	FNab09294
Size:	100 μ g
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	\geq 95% as determined by SDS-PAGE
Host:	Rabbit
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20 $^{\circ}$ C for 24 months (Avoid repeated freeze / thaw cycles.)

Background

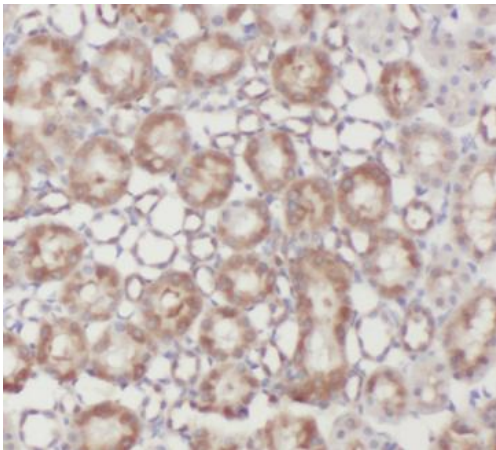
Uromodulin, also known as THP(Tamm-Horsfall glycoprotein), is the most abundant protein excreted in the urine under physiological conditions. Uromodulin is synthesized by kidney and localizes in cells lining the ascending limb of Henle and distal convoluted tubule. Uromodulin has been linked to water/electrolyte balance and to kidney innate immunity. Also, studies in knockout mice demonstrated that it has a protective role against urinary tract infections and renal stone formation. Mutations in the gene encoding uromodulin lead to rare autosomal dominant diseases, collectively referred to as uromodulin-associated kidney diseases.(PMID: 21654721)

Immunogen information

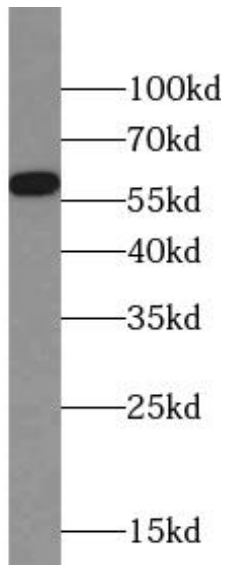
Immunogen:	uromodulin
Synonyms:	ADMCKD2, FJHN, HNFJ, MCKD2, THGP, THP, UMOD, uromodulin
Calculated MW:	55-73 kDa
Uniprot ID :	P07911

Application

Specificity:	Human, Mouse, Rat; other species are not tested. Please decide the specificity by homology
Tested Application:	ELISA, WB, IHC, IP
Recommended dilution:	WB: 1:200-1:2000; IHC: 1:20-1:500; IP: 1:200-1:2000
Image:	



Immunohistochemistry of paraffin-embedded human kidney using FNab09294(UMOD antibody) at dilution of 1:50



human heart tissue were subjected to SDS PAGE followed by western blot with FNab09294(UMOD antibody) at dilution of 1:400