

anti- Uromodulin antibody

Product Information

Catalog No.:	FNab09294
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 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
Observed MW:	55-70 kDa
Uniprot ID :	P07911

Application

Reactivity:	Human, Mouse, Rat
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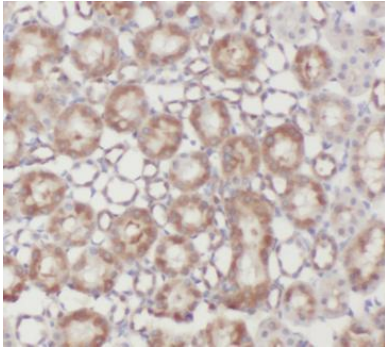
Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

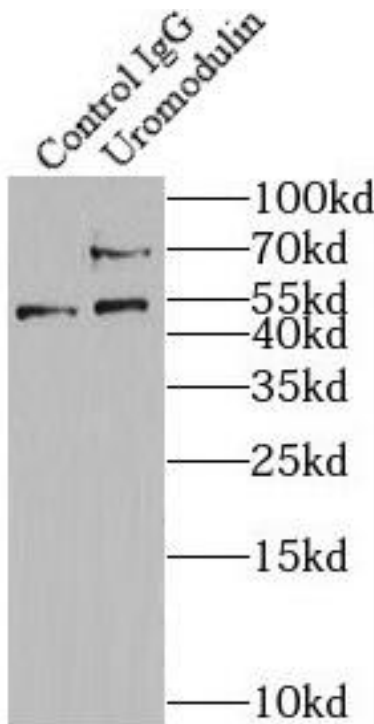
Tested Application: ELISA, WB, IHC, IP

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



IP Result of anti-Uromodulin (IP:FNab09294, 4ug; Detection:FNab09294 1:500) with mouse brain tissue lysate 4000ug.

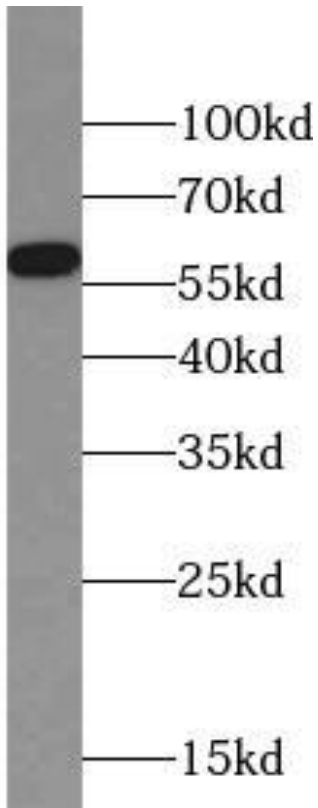
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human heart tissue were subjected to SDS PAGE followed by western blot with FNab09294(UMOD antibody) at dilution of 1:400