

For Research Use Only

URAT1 Polyclonal antibody

Catalog Number: 14937-1-AP

Featured Product

66 Publications



Basic Information

Catalog Number:

14937-1-AP

Size:

150ul, Concentration: 573 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6770

GenBank Accession Number:

BC053348

GeneID (NCBI):

116085

UNIPROT ID:

Q96S37

Full Name:

solute carrier family 22 (organic anion/urate transporter), member 12

Calculated MW:

60 kDa

Observed MW:

65-70 kDa, 40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, pig, rat

Cited Species:

human, rat, mouse

Positive Controls:

WB: mouse kidney tissue, pig kidney tissue, rat kidney

Background Information

Human urate anion exchanger (URAT1), also known as SLC22A12, is a urate transporter located in the proximal tubules of human kidney and responsible for urate reabsorption. Defects in gene encoding URAT1 cause hypouricemia renal type 1 (RHUC1). This antibody recognizes the native and glycosylated URAT1 between 65 and 70 kDa as well as the truncated 40kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Chun-Lei Zhang	34610527	Phytomedicine	WB
Yan Huang	36387593	Curr Res Food Sci	WB
Linjiang Zhong	36334387	Phytomedicine	WB,

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

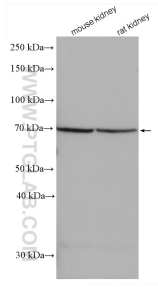
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 14937-1-AP (URAT1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.