

For Research Use Only

URAT1 Polyclonal antibody

Catalog Number: 14937-1-AP

Featured Product

33 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

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 1:500-1:1500

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, pig, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB: PC-13 cells, mouse kidney tissue, pig kidney tissue, HepG2 cells, 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
Yiming Wang	33080936	Int J Mol Sci	WB
Naixin Liu	33185232	Food Funct	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

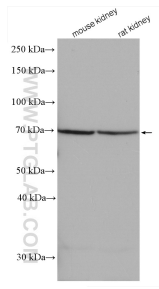
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

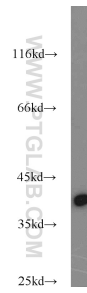
E: proteintech@ptglab.com
W: ptglab.com

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.



PC-13 cells were subjected to SDS PAGE followed by western blot with 14937-1-AP (URAT1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.